
APPENDIX A

County Level Emissions and Air Quality by Air Basin

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Introduction

This appendix contains criteria pollutant emission trends and forecasts and air quality trend data for each of California's 15 air basins. The emissions data are summarized first, by county or county portion within the air basin. Emissions data are included for the ozone precursors NO_x and ROG, directly emitted PM₁₀, directly emitted PM_{2.5}, and CO. The values represent the total tons of pollutant emissions per average day, listed every five years, from 1975 to 2020. In addition to these data, tables listing the highest emitting facilities for NO_x, ROG, PM₁₀, and PM_{2.5}, by air basin, are also included. The lists of high emitting facilities consist of only the top ten facilities exceeding 100 tons per year. The emission totals are the most recent data available from the respective district agencies. Some facilities may have reduced or increased emissions since these data were collected, and these changes will be reflected in subsequent editions of the almanac. Finally, the lists do not include military bases, landfills, or airports.

The air quality trend statistics for each county or county portion are also organized alphabetically, by air basin. The time period covered is 1984 through 2003 for ozone, CO, NO₂, and SO₂ and 1988 through 2003 for PM₁₀. Tables for some areas include blanks, indicating that no monitoring data are available or data are incomplete for a given statistic. In a number of cases, tables are completely blank. These blank tables are included for completeness, but the lack of data is noted on the tables. (Note: PM_{2.5} air quality data are now included in Appendix A due to sufficient data being available for developing trends. PM_{2.5} air quality data are also available statewide in Chapter 3 and summarized by air basin in Chapter 2 and in Appendix B.)

Air quality statistics can fluctuate from year-to-year because of the influence of meteorology and/or changes in emissions. However, the

statistics can also vary because of a change in monitoring site. The peak and maximum value air quality statistics reflect the highest value for the statistic at any site in the area. As a result, the statistic may not reflect the same site during the entire trend period. For example, the maximum 8-hour average carbon monoxide concentrations in Imperial County in the Salton Sea Air Basin are below the levels of the State and national standards from 1984 through 1993. In 1994, however, the concentrations show a significant increase, and both the State and national standards are violated. The CO concentrations in this air basin did not suddenly increase during 1994. Instead, monitoring began at a new site in Calexico, and the concentrations at the new site were higher than at the existing set of sites in the Salton Sea Air Basin. Information about the time periods for which air quality data are available for different pollutants at sites in California and Baja, Mexico is available on the web at www.arb.ca.gov/aqd/namslams/namslams.htm.

Since the peak and maximum air quality statistics reflect the highest values in the area, the monitoring sites represented also may not be consistent among the various statistics during a particular year. For example, the monitoring site reflected in the maximum 1-hour ozone concentration may not be the same as the monitoring site reflected in the maximum 8-hour ozone concentration. In contrast to the peak and maximum statistics, the counts of days above a standard generally reflect a composite, countywide value (in other words, a count of the total number of days an exceedance occurred at any site in the county. The exception is PM₁₀. The calculated days above the State and national 24-hour standards for this pollutant reflect the number of exceedance days at the high site, only.

Great Basin Valleys Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Alpine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Inyo* | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 7 | 7 | 7 | 7 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Mono* | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| Air Basin Total | 7 | 9 | 7 | 7 | 7 | 6 | 5 | 5 | 4 | 3 | 13 | 14 | 14 | 14 | 14 | 13 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 | 13 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Alpine | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | |
| Inyo* | 829 | 829 | 829 | 829 | 828 | 827 | 150 | 42 | 43 | 44 | 51 | 51 | 45 | 41 | 30 | 22 | 19 | 15 | 12 | 11 | 36 | 42 | 41 | 38 | 34 |
| Mono* | 29 | 32 | 32 | 35 | 35 | 35 | 36 | 37 | 38 | 40 | 36 | 42 | 41 | 38 | 34 | 29 | 27 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| Air Basin Total | 859 | 863 | 863 | 865 | 865 | 865 | 188 | 81 | 83 | 86 | 89 | 97 | 91 | 86 | 72 | 59 | 54 | 50 | 47 | 46 | 36 | 42 | 41 | 38 | 34 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | | | | | |
| Alpine | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 5 | 5 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | |
| Inyo* | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 25 | 9 | 9 | 51 | 51 | 45 | 41 | 30 | 22 | 19 | 15 | 12 | 11 | 36 | 42 | 41 | 38 | 34 |
| Mono* | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 17 | 17 | 36 | 42 | 41 | 38 | 34 | 29 | 27 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| Air Basin Total | 142 | 143 | 143 | 143 | 143 | 143 | 42 | 26 | 26 | 27 | 89 | 97 | 91 | 86 | 72 | 59 | 54 | 50 | 47 | 46 | 36 | 42 | 41 | 38 | 34 |

* Values for these counties include emissions from the Owens and Mono Lake Beds.

Table A-1

Great Basin Valleys Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO _x) | City | Tons per Year |
|---------------------------------------|-------------|---------------|
| Facility Name | | |
| Coso Operating Company (Steam Plant) | Little Lake | 165 |

| Reactive Organic Gases (ROG) | City | Tons per Year |
|------------------------------|------|---------------|
| Facility Name | | |
| | | |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM ₁₀) | City | Tons per Year |
|---|------|---------------|
| Facility Name | | |
| | | |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM _{2.5}) | City | Tons per Year |
|--|------|---------------|
| Facility Name | | |
| | | |

No High Emitting Facilities

Lake County Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | |
|--------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Lake | 7 | 8 | 9 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 11 | 13 | 15 | 14 | 14 | 12 | 11 | 9 | 8 | 7 | 92 | 103 | 117 | 111 | 103 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | |
|--------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Lake | 8 | 9 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 13 | 92 | 103 | 117 | 111 | 103 | 88 | 80 | 71 | 62 | 57 | 92 | 103 | 117 | 111 | 103 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-----|-----|-----|-----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | | | | | |
| Lake | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 92 | 103 | 117 | 111 | 103 | 88 | 80 | 71 | 62 | 57 | 92 | 103 | 117 | 111 | 103 |

Lake County Air Basin
High Emitting Facilities

| Oxides of Nitrogen (NO _x) | City | Tons per Year |
|---------------------------------------|------|---------------|
| Facility Name | | |

No High Emitting Facilities

| Reactive Organic Gases (ROG) | City | Tons per Year |
|------------------------------|------|---------------|
| Facility Name | | |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM ₁₀) | City | Tons per Year |
|---|------|---------------|
| Facility Name | | |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM _{2.5}) | City | Tons per Year |
|--|------|---------------|
| Facility Name | | |

No High Emitting Facilities

Lake Tahoe Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| El Dorado | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 2 | 2 | 8 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Placer | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 6 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Air Basin Total | 6 | 5 | 5 | 6 | 6 | 5 | 5 | 5 | 4 | 3 | 14 | 9 | 9 | 10 | 9 | 8 | 8 | 7 | 7 | 7 | 1975 | 1980 | 1985 | 1990 | 1995 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| El Dorado | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 100 | 76 | 67 | 59 | 49 | 40 | 37 | 33 | 31 | 30 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Placer | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 76 | 32 | 33 | 27 | 23 | 18 | 16 | 13 | 12 | 11 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Air Basin Total | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 177 | 109 | 100 | 86 | 72 | 58 | 52 | 47 | 43 | 41 | 1975 | 1980 | 1985 | 1990 | 1995 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| El Dorado | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Placer | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Air Basin Total | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |

A portion of El Dorado County lies within the Mountain Counties Air Basin. Portions of Placer County lie within the Mountain Counties and Sacramento Valley Air Basins.

Lake Tahoe Air Basin
High Emitting Facilities

| Oxides of Nitrogen (NO _x) | City | Tons per Year |
|---------------------------------------|------|---------------|
| Facility Name | | |

No High Emitting Facilities

| Reactive Organic Gases (ROG) | City | Tons per Year |
|------------------------------|------|---------------|
| Facility Name | | |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM ₁₀) | City | Tons per Year |
|---|------|---------------|
| Facility Name | | |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM _{2.5}) | City | Tons per Year |
|--|------|---------------|
| Facility Name | | |

No High Emitting Facilities

Mojave Desert Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| Kern | 53 | 30 | 37 | 51 | 41 | 41 | 37 | 36 | 35 | 35 | 65 | 47 | 32 | 28 | 17 | 15 | 13 | 11 | 11 | 11 | 53 | 30 | 37 | 51 | 41 | |
| Los Angeles | 20 | 26 | 29 | 37 | 30 | 29 | 26 | 21 | 18 | 17 | 31 | 36 | 39 | 41 | 26 | 22 | 20 | 19 | 20 | 20 | 20 | 26 | 36 | 39 | 41 | 26 |
| Riverside | 4 | 4 | 4 | 10 | 6 | 5 | 7 | 7 | 7 | 7 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 4 | 4 | 3 |
| San Bernardino | 137 | 161 | 146 | 181 | 165 | 169 | 156 | 152 | 154 | 158 | 29 | 36 | 47 | 63 | 52 | 43 | 36 | 31 | 30 | 29 | 29 | 36 | 43 | 63 | 52 | 43 |
| Air Basin Total | 213 | 221 | 216 | 278 | 242 | 243 | 225 | 216 | 215 | 217 | 130 | 123 | 122 | 135 | 98 | 83 | 70 | 64 | 62 | 63 | 63 | 123 | 122 | 135 | 98 | 83 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| Kern | 42 | 32 | 29 | 45 | 27 | 31 | 28 | 29 | 29 | 29 | 741 | 481 | 255 | 195 | 128 | 107 | 91 | 76 | 66 | 61 | 42 | 32 | 29 | 45 | 27 | |
| Los Angeles | 36 | 38 | 37 | 35 | 29 | 31 | 35 | 36 | 37 | 38 | 100 | 173 | 212 | 256 | 164 | 114 | 88 | 70 | 60 | 54 | 36 | 38 | 37 | 35 | 29 | |
| Riverside | 6 | 7 | 7 | 9 | 9 | 8 | 7 | 8 | 8 | 8 | 12 | 10 | 13 | 18 | 14 | 11 | 9 | 7 | 7 | 6 | 6 | 7 | 10 | 13 | 18 | 14 |
| San Bernardino | 71 | 76 | 90 | 80 | 90 | 88 | 95 | 100 | 105 | 110 | 131 | 214 | 287 | 438 | 344 | 269 | 226 | 182 | 153 | 139 | 71 | 76 | 90 | 80 | 90 | |
| Air Basin Total | 154 | 152 | 163 | 169 | 156 | 157 | 166 | 172 | 179 | 186 | 984 | 878 | 767 | 907 | 651 | 502 | 414 | 336 | 286 | 260 | 154 | 152 | 163 | 169 | 156 | |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 |
| Kern | 19 | 13 | 11 | 22 | 9 | 10 | 9 | 9 | 10 | 10 | 19 | 13 |
| Los Angeles | 9 | 9 | 9 | 9 | 7 | 8 | 9 | 9 | 10 | 10 | 9 | 9 |
| Riverside | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| San Bernardino | 22 | 22 | 30 | 24 | 30 | 28 | 29 | 30 | 32 | 33 | 22 | 22 |
| Air Basin Total | 51 | 46 | 51 | 56 | 49 | 47 | 49 | 51 | 53 | 55 | 51 | 46 |

A portion of Kern County lies within the San Joaquin Valley Air Basin. A portion of Los Angeles County lies within the South Coast Air Basin. Portions of Riverside County lie within the Salton Sea and South Coast Air Basins.
A portion of San Bernardino County lies within the South Coast Air Basin.

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Mojave Desert Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|----------------|----------------------|
| Facility Name | City | Tons per Year |
| TXI Riverside Cement Company | Oro Grande | 4609 |
| Cemex - Black Mountain Quarry | Apple Valley | 4483 |
| California Portland Cement | Mojave | 2942 |
| Mitsubishi Cement 2000 | Lucerne Valley | 2245 |
| Searles Valley Minerals | Trona | 2026 |
| Southern California Gas | Blythe | 1917 |
| Southern California Gas | Needles | 1157 |
| PG&E Topock Compressor Station | Needles | 1140 |
| National Cement | Lebec | 1070 |
| Reliant Energy | Daggett | 910 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |
| TXI Riverside Cement Company | Oro Grande | 104 |

Mojave Desert Air Basin

High Emitting Facilities

| Directly Emitted Particulate Matter (PM ₁₀) | | |
|---|------------------|---------------|
| Facility Name | City | Tons per Year |
| TXI Riverside Cement Company | Oro Grande | 1470 |
| Antelope Valley Aggregate | Littlerock | 757 |
| US Borax | Boron | 618 |
| Mitsubishi Cement 2000 | Lucerne Valley | 600 |
| National Cement | Lebec | 371 |
| California Portland Cement | Mojave | 329 |
| Searles Valley Minerals | Trona | 326 |
| Cemex - Black Mountain Quarry | Apple Valley | 277 |
| Lehigh Southwest Cement | Monolith | 210 |
| Hanson Aggregates | Newberry Springs | 175 |

| Directly Emitted Particulate Matter (PM _{2.5}) | | |
|--|----------------|---------------|
| Facility Name | City | Tons per Year |
| TXI Riverside Cement Company | Oro Grande | 316 |
| Antelope Valley Aggregate | Littlerock | 286 |
| Mitsubishi Cement 2000 | Lucerne Valley | 277 |
| Searles Valley Minerals | Trona | 226 |
| US Borax | Boron | 190 |
| Cemex - Black Mountain Quarry | Apple Valley | 183 |
| National Cement | Lebec | 128 |
| California Portland Cement | Mojave | 121 |

Table A-8 (continued)

Mountain Counties Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Amador | 5 | 6 | 7 | 9 | 9 | 7 | 7 | 6 | 5 | 5 | 11 | 12 | 12 | 13 | 11 | 10 | 10 | 9 | 9 | 8 |
| Calaveras | 5 | 12 | 6 | 7 | 6 | 5 | 5 | 4 | 3 | 2 | 9 | 10 | 11 | 12 | 13 | 12 | 10 | 9 | 8 | 7 |
| El Dorado | 9 | 12 | 12 | 13 | 12 | 9 | 8 | 6 | 5 | 4 | 18 | 24 | 24 | 23 | 21 | 15 | 13 | 12 | 11 | 11 |
| Mariposa | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 5 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 4 | 4 |
| Nevada | 10 | 13 | 14 | 15 | 12 | 10 | 9 | 7 | 6 | 5 | 14 | 19 | 22 | 20 | 17 | 16 | 14 | 13 | 12 | 12 |
| Placer | 4 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 4 | 9 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 |
| Plumas | 8 | 10 | 10 | 11 | 9 | 9 | 8 | 7 | 7 | 6 | 12 | 15 | 14 | 15 | 17 | 17 | 16 | 16 | 16 | 17 |
| Sierra | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 |
| Tuolumne | 9 | 11 | 10 | 12 | 10 | 9 | 8 | 7 | 6 | 5 | 14 | 15 | 16 | 17 | 16 | 14 | 13 | 11 | 11 | 10 |
| Air Basin Total | 52 | 73 | 66 | 76 | 67 | 58 | 52 | 44 | 37 | 32 | 89 | 113 | 113 | 117 | 111 | 98 | 89 | 82 | 78 | 77 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Amador | 9 | 8 | 8 | 9 | 10 | 11 | 11 | 11 | 12 | 12 | 64 | 70 | 73 | 80 | 65 | 54 | 51 | 45 | 40 | 37 |
| Calaveras | 29 | 11 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 63 | 81 | 76 | 82 | 76 | 63 | 56 | 49 | 42 | 38 |
| El Dorado | 10 | 12 | 13 | 15 | 16 | 16 | 17 | 18 | 19 | 20 | 115 | 152 | 157 | 153 | 129 | 100 | 87 | 77 | 71 | 69 |
| Mariposa | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 26 | 31 | 32 | 35 | 33 | 27 | 23 | 19 | 15 | 14 |
| Nevada | 11 | 14 | 15 | 18 | 18 | 19 | 19 | 20 | 21 | 22 | 108 | 141 | 158 | 148 | 124 | 105 | 95 | 85 | 78 | 75 |
| Placer | 5 | 7 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 31 | 35 | 39 | 37 | 32 | 32 | 28 | 24 | 21 | 20 |
| Plumas | 17 | 19 | 20 | 19 | 19 | 19 | 19 | 19 | 20 | 20 | 132 | 143 | 142 | 153 | 151 | 142 | 141 | 138 | 136 | 136 |
| Sierra | 11 | 12 | 12 | 11 | 12 | 12 | 12 | 11 | 12 | 12 | 27 | 26 | 27 | 30 | 30 | 31 | 28 | 27 | 27 | 26 |
| Tuolumne | 7 | 9 | 9 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 93 | 106 | 110 | 123 | 108 | 89 | 81 | 73 | 67 | 65 |
| Air Basin Total | 105 | 98 | 101 | 109 | 111 | 113 | 116 | 120 | 124 | 129 | 658 | 784 | 814 | 841 | 747 | 642 | 590 | 537 | 498 | 537 |

A portion of El Dorado County lies within the Lake Tahoe Air Basin. Portions of Placer County lie within the Lake Tahoe and Sacramento Valley Air Basins.

Mountain Counties Air Basin

County Emission Trends and Forecasts

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Amador | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 |
| Calaveras | 11 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| El Dorado | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |
| Mariposa | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Nevada | 5 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| Placer | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Plumas | 8 | 9 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 8 |
| Sierra | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Tuolumne | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 |
| Air Basin Total | 43 | 44 | 44 | 47 | 48 | 48 | 48 | 49 | 50 | 51 |

A portion of El Dorado County lies within the Lake Tahoe Air Basin. Portions of Placer County lie within the Lake Tahoe and Sacramento Valley Air Basins.

Table A-9 (continued)

Mountain Counties Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Sierra Pacific Industries | Quincy | 363 |
| Sierra Pacific Industries | Loyalton | 180 |
| Pacific Ultrapower | Jamestown | 157 |
| Collins Pine | Chester | 109 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Sierrapine Ltd Ampine Division | Martell | 263 |

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Sierrapine Ltd Ampine Division | Martell | 518 |
| Wheelabrator Martell | Martell | 324 |
| Blue Mountain Minerals | Columbia | 121 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Sierrapine Ltd Ampine Division | Martell | 414 |
| Wheelabrator Martell | Martell | 285 |

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North Central Coast Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Monterey | 117 | 131 | 90 | 90 | 76 | 73 | 52 | 45 | 39 | 35 | 97 | 80 | 75 | 68 | 56 | 49 | 42 | 39 | 37 | 36 |
| San Benito | 8 | 9 | 9 | 11 | 10 | 8 | 8 | 7 | 6 | 5 | 12 | 11 | 11 | 11 | 9 | 8 | 7 | 7 | 7 | 7 |
| Santa Cruz | 22 | 25 | 29 | 32 | 27 | 24 | 20 | 17 | 14 | 12 | 45 | 44 | 45 | 40 | 31 | 26 | 22 | 21 | 20 | 20 |
| Air Basin Total | 147 | 164 | 128 | 133 | 113 | 105 | 81 | 69 | 59 | 52 | 153 | 134 | 131 | 119 | 96 | 83 | 72 | 66 | 64 | 63 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Monterey | 41 | 43 | 40 | 40 | 38 | 42 | 44 | 48 | 49 | 49 | 684 | 577 | 586 | 510 | 377 | 343 | 277 | 264 | 235 | 218 |
| San Benito | 11 | 11 | 13 | 14 | 13 | 15 | 16 | 17 | 18 | 18 | 87 | 84 | 88 | 81 | 68 | 61 | 62 | 64 | 60 | 58 |
| Santa Cruz | 11 | 12 | 13 | 14 | 13 | 14 | 14 | 14 | 15 | 15 | 254 | 258 | 264 | 233 | 169 | 135 | 109 | 87 | 72 | 64 |
| Air Basin Total | 63 | 67 | 66 | 69 | 64 | 70 | 74 | 79 | 81 | 83 | 1024 | 920 | 939 | 824 | 614 | 539 | 448 | 414 | 368 | 341 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Monterey | 19 | 21 | 16 | 16 | 15 | 17 | 19 | 22 | 22 | 22 |
| San Benito | 5 | 5 | 6 | 6 | 5 | 6 | 7 | 7 | 8 | 8 |
| Santa Cruz | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 6 |
| Air Basin Total | 28 | 30 | 28 | 28 | 25 | 29 | 31 | 35 | 35 | 35 |

North Central Coast Air Basin
High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|--------------|----------------------|
| Facility Name | City | Tons per Year |
| RMC Pacific Materials | Davenport | 822 |
| Duke Energy | Moss Landing | 297 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|--------------|----------------------|
| Facility Name | City | Tons per Year |
| RMC Pacific Materials | Davenport | 195 |
| Duke Energy | Moss Landing | 164 |
| Chemical Lime Company | Salinas | 107 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|--------------|----------------------|
| Facility Name | City | Tons per Year |
| Duke Energy | Moss Landing | 164 |
| RMC Pacific Materials | Davenport | 117 |

Table A-12

North Coast Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Del Norte | 6 | 6 | 5 | 5 | 4 | 3 | 3 | 2 | 2 | 2 | 10 | 11 | 8 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 10 | 11 | 8 | 7 | 6 |
| Humboldt | 38 | 39 | 34 | 35 | 28 | 27 | 22 | 20 | 17 | 16 | 66 | 42 | 34 | 32 | 26 | 22 | 20 | 18 | 17 | 17 | 38 | 39 | 34 | 32 | 26 |
| Mendocino | 21 | 20 | 20 | 21 | 17 | 15 | 13 | 11 | 8 | 7 | 31 | 26 | 20 | 20 | 18 | 15 | 13 | 12 | 11 | 11 | 21 | 20 | 20 | 20 | 18 |
| Sonoma | 15 | 22 | 25 | 23 | 20 | 18 | 16 | 12 | 9 | 7 | 14 | 23 | 21 | 23 | 19 | 16 | 13 | 12 | 10 | 10 | 22 | 23 | 21 | 23 | 19 |
| Trinity | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 7 | 8 | 6 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 22 | 23 | 21 | 23 | 19 |
| Air Basin Total | 82 | 90 | 86 | 87 | 72 | 65 | 56 | 47 | 38 | 33 | 128 | 109 | 90 | 88 | 75 | 65 | 57 | 52 | 48 | 46 | 82 | 90 | 86 | 87 | 72 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Del Norte | 8 | 9 | 9 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 130 | 127 | 116 | 113 | 104 | 96 | 94 | 91 | 89 | 88 | 130 | 127 | 116 | 113 | 104 |
| Humboldt | 29 | 29 | 27 | 25 | 23 | 22 | 22 | 23 | 23 | 23 | 331 | 295 | 264 | 247 | 192 | 159 | 146 | 129 | 116 | 108 | 29 | 29 | 27 | 25 | 23 |
| Mendocino | 19 | 16 | 17 | 19 | 19 | 20 | 21 | 23 | 24 | 26 | 162 | 152 | 145 | 142 | 112 | 89 | 78 | 67 | 59 | 54 | 19 | 16 | 17 | 19 | 19 |
| Sonoma | 4 | 5 | 5 | 8 | 6 | 6 | 6 | 6 | 6 | 6 | 70 | 157 | 165 | 155 | 118 | 95 | 72 | 65 | 55 | 49 | 4 | 5 | 5 | 8 | 6 |
| Trinity | 16 | 19 | 20 | 19 | 20 | 18 | 18 | 17 | 17 | 17 | 70 | 75 | 74 | 75 | 66 | 60 | 57 | 54 | 51 | 49 | 16 | 19 | 20 | 19 | 20 |
| Air Basin Total | 75 | 78 | 78 | 81 | 78 | 77 | 78 | 79 | 81 | 84 | 762 | 806 | 763 | 732 | 593 | 500 | 447 | 406 | 370 | 348 | 75 | 78 | 78 | 81 | 78 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 |
| Del Norte | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 |
| Humboldt | 17 | 17 | 16 | 13 | 11 | 11 | 11 | 11 | 11 | 11 | 17 | 17 |
| Mendocino | 10 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 9 | 10 | 7 |
| Sonoma | 2 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| Trinity | 6 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| Air Basin Total | 40 | 39 | 37 | 37 | 34 | 33 | 33 | 33 | 33 | 34 | 40 | 39 |

A portion of Sonoma County lies within the San Francisco Bay Area Air Basin.

North Coast Air Basin
High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| PG&E Humboldt Bay | Eureka | 592 |
| Samoa-Pacific Cellulose | Samoa | 351 |
| Fairhaven Power Company | Fairhaven | 301 |
| Pacific Lumber Company | Scotia | 246 |
| Humboldt Flakeboard Panels | Arcata | 156 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Fairhaven Power Company | Fairhaven | 109 |
| Samoa-Pacific Cellulose | Samoa | 104 |

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Fairhaven Power Company | Fairhaven | 123 |
| Georgia Pacific | Fort Bragg | 119 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Fairhaven Power Company | Fairhaven | 114 |
| Georgia Pacific | Fort Bragg | 109 |

Table A-14

Northeast Plateau Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Lassen | 9 | 9 | 9 | 9 | 8 | 8 | 7 | 6 | 5 | 5 | 11 | 15 | 15 | 14 | 13 | 12 | 12 | 11 | 11 | 11 | 6 | 7 | 6 | 6 | 5 |
| Modoc | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 6 | 7 | 6 | 6 | 5 | 4 | 4 | 4 | 4 | 4 | 18 | 19 | 18 | 18 | 17 |
| Siskiyou | 18 | 19 | 18 | 18 | 17 | 15 | 12 | 10 | 9 | 8 | 29 | 29 | 28 | 28 | 26 | 23 | 22 | 22 | 21 | 21 | 19 | 20 | 20 | 20 | 19 |
| Air Basin Total | 34 | 34 | 32 | 32 | 30 | 28 | 23 | 20 | 18 | 16 | 47 | 51 | 49 | 48 | 44 | 40 | 39 | 37 | 36 | 36 | 34 | 34 | 32 | 32 | 30 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Lassen | 19 | 19 | 20 | 21 | 20 | 23 | 22 | 22 | 22 | 23 | 65 | 81 | 81 | 76 | 73 | 64 | 58 | 54 | 51 | 49 | 18 | 18 | 19 | 19 | 18 |
| Modoc | 18 | 18 | 19 | 19 | 18 | 18 | 18 | 17 | 17 | 17 | 31 | 33 | 31 | 30 | 25 | 20 | 18 | 16 | 15 | 14 | 32 | 34 | 33 | 33 | 32 |
| Siskiyou | 32 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 355 | 347 | 334 | 334 | 309 | 279 | 270 | 261 | 254 | 249 | 69 | 71 | 72 | 73 | 71 |
| Air Basin Total | 69 | 71 | 72 | 73 | 71 | 74 | 73 | 72 | 73 | 74 | 451 | 462 | 446 | 440 | 407 | 363 | 346 | 331 | 319 | 312 | 19 | 19 | 19 | 19 | 19 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | | | | | |
| Lassen | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| Modoc | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 18 | 18 | 19 | 19 | 19 |
| Siskiyou | 20 | 21 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 20 | 21 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Air Basin Total | 32 | 33 | 31 | 32 | 31 | 31 | 30 | 30 | 30 | 30 | 32 | 33 | 31 | 32 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

Northeast Plateau Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| H.I. Power Company | Wendel | 150 |
| PG&E Tionesta Compressor Station | Tulelake | 100 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

Sacramento Valley Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| Butte | 30 | 34 | 33 | 35 | 31 | 26 | 22 | 18 | 15 | 13 | 42 | 44 | 43 | 42 | 35 | 29 | 25 | 23 | 22 | 21 | 30 | 34 | 33 | 35 | 33 | |
| Colusa | 9 | 10 | 9 | 13 | 13 | 10 | 10 | 8 | 8 | 7 | 14 | 12 | 14 | 12 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 12 | 14 | 12 | 10 |
| Glenn | 14 | 13 | 12 | 13 | 12 | 10 | 9 | 8 | 7 | 6 | 14 | 14 | 14 | 12 | 12 | 10 | 10 | 10 | 9 | 9 | 9 | 10 | 12 | 14 | 12 | 10 |
| Placer | 23 | 27 | 28 | 31 | 29 | 28 | 24 | 20 | 17 | 15 | 35 | 33 | 34 | 31 | 29 | 23 | 20 | 19 | 18 | 18 | 23 | 27 | 28 | 26 | 24 | 22 |
| Sacramento | 129 | 134 | 140 | 148 | 125 | 103 | 83 | 64 | 48 | 37 | 214 | 196 | 175 | 145 | 114 | 85 | 67 | 59 | 55 | 53 | 129 | 134 | 140 | 148 | 125 | 103 |
| Shasta | 36 | 39 | 37 | 42 | 36 | 33 | 29 | 26 | 23 | 21 | 39 | 43 | 42 | 40 | 33 | 29 | 25 | 22 | 21 | 20 | 36 | 39 | 37 | 42 | 36 | 33 |
| Solano | 12 | 15 | 14 | 17 | 15 | 13 | 11 | 9 | 7 | 6 | 12 | 16 | 15 | 16 | 14 | 12 | 9 | 8 | 7 | 7 | 12 | 15 | 14 | 16 | 15 | 13 |
| Sutter | 19 | 20 | 18 | 21 | 19 | 17 | 15 | 14 | 11 | 10 | 19 | 18 | 19 | 16 | 14 | 12 | 11 | 10 | 10 | 10 | 19 | 20 | 18 | 19 | 16 | 14 |
| Tehama | 14 | 18 | 15 | 15 | 13 | 12 | 10 | 8 | 7 | 7 | 14 | 16 | 15 | 14 | 11 | 9 | 8 | 8 | 7 | 7 | 14 | 18 | 15 | 16 | 15 | 13 |
| Yolo | 31 | 32 | 33 | 37 | 34 | 31 | 24 | 18 | 14 | 11 | 36 | 33 | 28 | 23 | 20 | 16 | 13 | 12 | 11 | 11 | 31 | 32 | 33 | 37 | 34 | 31 |
| Yuba | 11 | 14 | 12 | 12 | 11 | 10 | 8 | 7 | 6 | 5 | 14 | 17 | 15 | 13 | 12 | 10 | 9 | 8 | 7 | 7 | 11 | 14 | 12 | 10 | 9 | 8 |
| Air Basin Total | 329 | 356 | 351 | 384 | 337 | 295 | 246 | 200 | 162 | 137 | 454 | 442 | 412 | 366 | 302 | 244 | 207 | 187 | 177 | 174 | 329 | 356 | 351 | 384 | 337 | 295 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| Butte | 26 | 29 | 29 | 32 | 28 | 27 | 28 | 29 | 30 | 30 | 257 | 276 | 273 | 266 | 207 | 160 | 140 | 118 | 102 | 94 | 26 | 29 | 29 | 32 | 28 | 27 |
| Colusa | 19 | 19 | 19 | 19 | 19 | 20 | 20 | 20 | 21 | 21 | 84 | 79 | 78 | 75 | 66 | 60 | 57 | 54 | 53 | 52 | 19 | 19 | 19 | 19 | 19 | 19 |
| Glenn | 14 | 15 | 14 | 15 | 15 | 15 | 15 | 16 | 16 | 17 | 84 | 85 | 83 | 75 | 63 | 55 | 52 | 49 | 46 | 45 | 14 | 15 | 14 | 15 | 15 | 15 |
| Placer | 8 | 9 | 11 | 13 | 13 | 15 | 16 | 17 | 18 | 19 | 201 | 237 | 229 | 202 | 169 | 149 | 125 | 108 | 95 | 89 | 8 | 9 | 11 | 13 | 13 | 15 |
| Sacramento | 34 | 37 | 40 | 44 | 40 | 42 | 44 | 46 | 48 | 49 | 1457 | 1376 | 1298 | 1054 | 743 | 525 | 389 | 306 | 251 | 211 | 34 | 37 | 40 | 44 | 40 | 37 |
| Shasta | 30 | 27 | 28 | 31 | 30 | 31 | 32 | 33 | 35 | 36 | 319 | 327 | 327 | 332 | 268 | 231 | 213 | 194 | 183 | 178 | 30 | 27 | 28 | 31 | 30 | 31 |
| Solano | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 68 | 105 | 103 | 103 | 72 | 56 | 43 | 35 | 29 | 26 | 7 | 8 | 8 | 8 | 8 | 7 |
| Sutter | 13 | 14 | 13 | 14 | 14 | 15 | 15 | 15 | 15 | 16 | 99 | 101 | 98 | 93 | 71 | 56 | 50 | 42 | 36 | 33 | 13 | 14 | 13 | 14 | 14 | 13 |
| Tehama | 13 | 15 | 15 | 14 | 14 | 14 | 15 | 15 | 15 | 16 | 83 | 91 | 85 | 87 | 65 | 50 | 42 | 36 | 32 | 30 | 13 | 15 | 15 | 14 | 14 | 13 |
| Yolo | 21 | 22 | 23 | 26 | 26 | 28 | 28 | 29 | 29 | 30 | 223 | 202 | 192 | 152 | 110 | 85 | 65 | 52 | 44 | 39 | 21 | 22 | 23 | 26 | 26 | 23 |
| Yuba | 10 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 94 | 101 | 85 | 80 | 67 | 55 | 49 | 42 | 37 | 35 | 10 | 9 | 9 | 8 | 8 | 7 |
| Air Basin Total | 195 | 203 | 210 | 223 | 216 | 225 | 231 | 239 | 247 | 253 | 2970 | 2981 | 2851 | 2517 | 1902 | 1482 | 1224 | 1035 | 909 | 833 | 195 | 203 | 210 | 223 | 216 | 225 |

Portions of Placer County lie within the Lake Tahoe and Mountain Counties Air Basins. A portion of Solano County lies within the San Francisco Bay Area Air Basin.

Sacramento Valley Air Basin

County Emission Trends and Forecasts

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Butte | 12 | 13 | 13 | 14 | 12 | 12 | 12 | 12 | 12 | 12 |
| Colusa | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| Glenn | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| Placer | 4 | 4 | 5 | 7 | 6 | 7 | 7 | 7 | 8 | 8 |
| Sacramento | 14 | 15 | 16 | 18 | 15 | 15 | 16 | 17 | 17 | 17 |
| Shasta | 17 | 14 | 14 | 16 | 15 | 15 | 15 | 16 | 16 | 17 |
| Solano | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Sutter | 5 | 6 | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 |
| Tehama | 5 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Yolo | 8 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Yuba | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Air Basin Total | 85 | 85 | 87 | 93 | 87 | 89 | 91 | 92 | 94 | 96 |

Portions of Placer County lie within the Lake Tahoe and Mountain Counties Air Basins. A portion of Solano County lies within the San Francisco Bay Area Air Basin.

Table A-17 (continued)

ARB Almanac 2005 – Appendix A: County Level Emissions and Air Quality by Air Basin

Sacramento Valley Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Wheelabrator Shasta | Anderson | 592 |
| Lehigh Southwest Cement Co. | Redding | 527 |
| PG&E Delevan Compressor Station | Colusa | 356 |
| Pacific Gas & Electric | Burney | 254 |
| Sierrapine - Rocklin | Rocklin | 160 |
| Sierra Pacific | Lincoln | 157 |
| Burney Forest Products | Burney | 155 |
| Wadham Energy Partnership | Williams | 152 |
| Calpine Greenleaf | Yuba City | 144 |
| Johns-Manville (Insulation) | Willows | 137 |

| Reactive Organic Gases (ROG) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Johns-Manville (Insulation) | Willows | 213 |
| Oilseeds International (Vegetable Oil) | Grimes | 160 |

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Lehigh Southwest Cement. | Redding | 122 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

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Salton Sea Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Imperial | 43 | 38 | 37 | 42 | 44 | 38 | 34 | 32 | 30 | 28 | 46 | 46 | 38 | 38 | 37 | 33 | 32 | 31 | 30 | 30 |
| Riverside | 32 | 34 | 39 | 32 | 29 | 27 | 21 | 16 | 11 | 10 | 36 | 38 | 40 | 32 | 25 | 20 | 14 | 12 | 11 | 11 |
| Air Basin Total | 75 | 72 | 76 | 74 | 72 | 64 | 55 | 49 | 41 | 39 | 83 | 84 | 78 | 70 | 62 | 52 | 45 | 42 | 42 | 42 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Imperial | 264 | 268 | 265 | 256 | 238 | 235 | 237 | 240 | 243 | 246 | 224 | 219 | 194 | 195 | 163 | 122 | 105 | 93 | 83 | 76 |
| Riverside | 18 | 19 | 21 | 34 | 26 | 24 | 24 | 25 | 26 | 27 | 276 | 276 | 297 | 224 | 169 | 121 | 83 | 66 | 58 | 55 |
| Air Basin Total | 282 | 287 | 286 | 290 | 264 | 259 | 261 | 265 | 269 | 272 | 499 | 494 | 492 | 419 | 332 | 243 | 188 | 159 | 141 | 131 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Imperial | 61 | 61 | 60 | 59 | 57 | 56 | 55 | 56 | 57 | 57 |
| Riverside | 6 | 5 | 6 | 8 | 6 | 6 | 6 | 6 | 6 | 6 |
| Air Basin Total | 67 | 67 | 66 | 68 | 63 | 62 | 61 | 62 | 63 | 64 |

Portions of Riverside County lie within the Mojave Desert and South Coast Air Basins.

Table A-19

Salton Sea Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Imperial Irrigation District | El Centro | 308 |
| Holly Sugar | Brawley | 210 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|--------------|----------------------|
| Facility Name | City | Tons per Year |
| US Gypsum - Plaster City | Plaster City | 156 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

San Diego Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| San Diego | 272 | 264 | 276 | 309 | 262 | 221 | 177 | 142 | 110 | 91 | 445 | 442 | 419 | 348 | 271 | 228 | 188 | 175 | 171 | 172 | | | | | | |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| San Diego | 72 | 81 | 89 | 107 | 104 | 110 | 118 | 125 | 131 | 138 | 3331 | 3066 | 2963 | 2499 | 1755 | 1316 | 983 | 798 | 666 | 599 | | | | | | |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------|---|------|------|------|------|------|------|------|------|------|--|--|--|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | | | |
| San Diego | 33 | 36 | 34 | 40 | 38 | 40 | 42 | 46 | 47 | 49 | | | |

San Diego Air Basin
High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Cabrillo Power | Carlsbad | 276 |
| Solar Turbines - Ruffin Rd | San Diego | 114 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |
| National Steel & Shipbuilding | San Diego | 196 |

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Duke Energy - South Bay Power Plant | Chula Vista | 194 |
| Cabrillo Power | Carlsbad | 162 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

San Francisco Bay Area Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|----|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | |
| Alameda | 180 | 176 | 184 | 176 | 147 | 128 | 107 | 88 | 69 | 58 | 304 | 274 | 229 | 169 | 132 | 104 | 81 | 71 | 64 | 60 | 262 | 244 | 199 | 183 | 152 | |
| Contra Costa | | | | | | | | | | | 238 | 264 | 209 | 133 | 112 | 96 | 71 | 64 | 61 | 59 | | | | | | |
| Marin | 30 | 31 | 30 | 29 | 25 | 21 | 19 | 15 | 12 | 9 | 56 | 52 | 44 | 34 | 28 | 22 | 18 | 14 | 12 | 11 | 15 | 14 | 16 | 18 | 16 | 11 |
| Napa | 15 | 14 | 16 | 15 | 14 | 12 | 11 | 9 | 7 | 5 | 27 | 24 | 21 | 18 | 16 | 16 | 11 | 9 | 7 | 7 | 102 | 111 | 102 | 100 | 82 | |
| San Francisco | | | | | | | | | | | 153 | 131 | 106 | 76 | 59 | 48 | 37 | 32 | 29 | 27 | 104 | 102 | 98 | 94 | 82 | |
| San Mateo | | | | | | | | | | | 167 | 149 | 120 | 86 | 70 | 52 | 41 | 35 | 31 | 29 | 207 | 205 | 192 | 189 | 165 | |
| Santa Clara | | | | | | | | | | | 359 | 335 | 262 | 189 | 149 | 117 | 90 | 77 | 68 | 63 | 45 | 54 | 51 | 53 | 41 | 34 |
| Solano | | | | | | | | | | | 54 | 69 | 59 | 44 | 32 | 26 | 21 | 19 | 18 | 17 | 29 | 31 | 32 | 33 | 30 | 28 |
| Sonoma | | | | | | | | | | | 68 | 63 | 55 | 43 | 37 | 29 | 23 | 19 | 17 | 16 | 29 | 31 | 32 | 33 | 30 | 28 |
| Air Basin Total | 975 | 968 | 905 | 876 | 741 | 632 | 535 | 446 | 363 | 316 | 1426 | 1360 | 1105 | 791 | 635 | 510 | 392 | 340 | 307 | 289 | | | | | | |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 |
| Alameda | 33 | 31 | 37 | 36 | 34 | 35 | 35 | 36 | 37 | 37 | 1923 | 1741 | 1505 | 1104 | 779 | 569 | 435 | 354 | 282 | 238 | 36 | 36 | 32 | 30 | 28 |
| Contra Costa | | | | | | | | | | | 1292 | 1169 | 1052 | 792 | 590 | 427 | 339 | 273 | 222 | 192 | 36 | 36 | 32 | 30 | 28 |
| Marin | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 396 | 371 | 314 | 237 | 172 | 130 | 105 | 81 | 64 | 54 | 6 | 5 | 6 | 6 | 6 |
| Napa | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 155 | 144 | 131 | 112 | 93 | 74 | 62 | 50 | 41 | 36 | 12 | 13 | 14 | 14 | 14 |
| San Francisco | | | | | | | | | | | 872 | 817 | 688 | 484 | 347 | 262 | 206 | 170 | 142 | 123 | 14 | 15 | 17 | 17 | 15 |
| San Mateo | | | | | | | | | | | 1254 | 1142 | 914 | 650 | 478 | 327 | 256 | 203 | 160 | 134 | 14 | 15 | 17 | 17 | 15 |
| Santa Clara | 40 | 40 | 44 | 45 | 43 | 49 | 52 | 52 | 53 | 54 | 2330 | 2175 | 1807 | 1330 | 975 | 720 | 565 | 457 | 366 | 311 | 13 | 14 | 15 | 15 | 14 |
| Solano | | | | | | | | | | | 318 | 325 | 296 | 237 | 159 | 119 | 97 | 78 | 64 | 55 | 10 | 10 | 11 | 12 | 11 |
| Sonoma | | | | | | | | | | | 417 | 410 | 371 | 296 | 236 | 167 | 134 | 100 | 76 | 61 | 168 | 169 | 182 | 181 | 170 |
| Air Basin Total | 168 | 169 | 182 | 181 | 170 | 184 | 191 | 193 | 196 | 200 | 8956 | 8293 | 7078 | 5241 | 3829 | 2793 | 2200 | 1766 | 1417 | 1205 | | | | | |

A portion of Solano County lies within the Sacramento Valley Air Basin. A portion of Sonoma County lies within the North Coast Air Basin.

San Francisco Bay Area Air Basin

County Emission Trends and Forecasts

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Alameda | 15 | 14 | 16 | 16 | 14 | 15 | 15 | 15 | 15 | 15 |
| Contra Costa | 23 | 22 | 17 | 16 | 13 | 14 | 15 | 15 | 15 | 15 |
| Marin | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Napa | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 |
| San Francisco | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| San Mateo | 7 | 7 | 7 | 8 | 7 | 8 | 8 | 8 | 8 | 8 |
| Santa Clara | 17 | 15 | 17 | 18 | 16 | 18 | 18 | 18 | 18 | 18 |
| Solano | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
| Sonoma | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
| Air Basin Total | 84 | 81 | 81 | 82 | 75 | 78 | 78 | 78 | 78 | 79 |

A portion of Solano County lies within the Sacramento Valley Air Basin. A portion of Sonoma County lies within the North Coast Air Basin.

Table A-23 (continued)

San Francisco Bay Area Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | | |
|--|-------------|----------------------|--|
| Facility Name | City | Tons per Year | |
| Shell Martinez Refinery | Martinez | 2898 | |
| Tesoro Refining And Marketing | Martinez | 2307 | |
| Valero Refining Company | Benicia | 2289 | |
| Chevron Products Company | Richmond | 2063 | |
| Hanson Permanente Cement | Cupertino | 1935 | |
| Conoco Phillips - San Francisco | Rodeo | 1794 | |
| Mirant Delta, Llc | Pittsburg | 733 | |
| Tosco Refining Company | Rodeo | 632 | |
| Owens-Brockway Glass Container | Oakland | 558 | |
| Owens Corning (Insulation) | Santa Clara | 343 | |

| Reactive Organic Gases (ROG) | | | |
|---|-------------|----------------------|--|
| Facility Name | City | Tons per Year | |
| Tesoro Refining And Marketing | Martinez | 2041 | |
| Chevron Products Company | Richmond | 1637 | |
| Shell Martinez Refinery | Martinez | 1462 | |
| Conoco Phillips - San Francisco | Rodeo | 769 | |
| New United Motor Manufacturing | Fremont | 581 | |
| Valero Refining Company | Benicia | 389 | |
| Ball Metal Beverage Container | Fairfield | 280 | |
| United States Pipe & Foundry | Union City | 170 | |
| Pacific Custom Materials (Stone Products) | Port Costa | 124 | |

San Francisco Bay Area Air Basin

High Emitting Facilities

| Directly Emitted Particulate Matter (PM ₁₀) | | |
|---|-------------|---------------|
| Facility Name | City | Tons per Year |
| Shell Martinez Refinery | Martinez | 357 |
| Valero Refining Company | Benicia | 219 |
| Hanson Permanente Cement | Cupertino | 193 |
| Chevron Products Company | Richmond | 188 |
| Mirant Delta, Llc | Pittsburg | 156 |
| Tesoro Refining And Marketing | Martinez | 149 |
| Owens Corning (Insulation) | Santa Clara | 109 |
| Owens-Brockway Glass Container | Oakland | 102 |

| Directly Emitted Particulate Matter (PM _{2.5}) | | |
|--|-----------|---------------|
| Facility Name | City | Tons per Year |
| Shell Martinez Refinery | Martinez | 346 |
| Valero Refining Company | Benicia | 204 |
| Chevron Products Company | Richmond | 181 |
| Mirant Delta, Llc | Pittsburg | 156 |
| Tesoro Refining And Marketing | Martinez | 133 |
| Hanson Permanente Cement | Cupertino | 119 |

San Joaquin Valley Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Fresno | 139 | 154 | 165 | 168 | 147 | 115 | 95 | 77 | 61 | 51 | 183 | 167 | 141 | 130 | 112 | 95 | 82 | 78 | 76 | 77 |
| Kern | 225 | 338 | 329 | 267 | 201 | 157 | 132 | 116 | 104 | 97 | 604 | 719 | 602 | 197 | 114 | 102 | 87 | 83 | 80 | 79 |
| Kings | 44 | 40 | 42 | 36 | 32 | 25 | 18 | 16 | 13 | 11 | 31 | 28 | 25 | 22 | 23 | 19 | 18 | 17 | 18 | 18 |
| Madera | 30 | 36 | 33 | 36 | 33 | 31 | 30 | 27 | 24 | 22 | 42 | 26 | 24 | 24 | 22 | 19 | 18 | 17 | 16 | 16 |
| Merced | 41 | 48 | 43 | 50 | 45 | 40 | 33 | 26 | 21 | 17 | 52 | 49 | 40 | 44 | 38 | 34 | 31 | 30 | 29 | 30 |
| San Joaquin | 92 | 98 | 105 | 112 | 101 | 89 | 75 | 61 | 51 | 46 | 105 | 96 | 87 | 82 | 69 | 57 | 46 | 42 | 40 | 40 |
| Stanislaus | 51 | 64 | 63 | 77 | 66 | 57 | 48 | 39 | 32 | 27 | 76 | 71 | 67 | 71 | 61 | 54 | 46 | 44 | 43 | 44 |
| Tulare | 55 | 64 | 63 | 65 | 60 | 54 | 48 | 38 | 29 | 24 | 84 | 79 | 74 | 72 | 67 | 61 | 57 | 54 | 54 | 55 |
| Air Basin Total | 677 | 842 | 842 | 811 | 686 | 568 | 479 | 400 | 335 | 294 | 1176 | 1235 | 1060 | 642 | 506 | 441 | 386 | 364 | 357 | 360 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Fresno | 87 | 80 | 81 | 83 | 81 | 83 | 85 | 90 | 92 | 95 | 893 | 844 | 814 | 733 | 572 | 446 | 343 | 278 | 235 | 210 |
| Kern | 58 | 56 | 55 | 50 | 49 | 50 | 51 | 54 | 56 | 59 | 718 | 824 | 712 | 604 | 445 | 341 | 262 | 218 | 187 | 169 |
| Kings | 29 | 27 | 28 | 28 | 29 | 29 | 30 | 32 | 32 | 33 | 149 | 137 | 119 | 109 | 98 | 74 | 62 | 50 | 42 | 37 |
| Madera | 17 | 19 | 17 | 19 | 19 | 19 | 21 | 22 | 23 | 24 | 172 | 183 | 178 | 158 | 120 | 105 | 95 | 80 | 68 | 61 |
| Merced | 38 | 37 | 37 | 39 | 37 | 37 | 37 | 38 | 39 | 39 | 348 | 341 | 298 | 306 | 238 | 194 | 164 | 137 | 119 | 107 |
| San Joaquin | 32 | 32 | 33 | 36 | 36 | 37 | 37 | 38 | 40 | 42 | 607 | 596 | 605 | 528 | 413 | 317 | 237 | 189 | 159 | 143 |
| Stanislaus | 35 | 35 | 36 | 38 | 37 | 37 | 38 | 38 | 39 | 40 | 407 | 402 | 393 | 412 | 313 | 242 | 185 | 149 | 124 | 111 |
| Tulare | 57 | 55 | 57 | 58 | 57 | 59 | 60 | 63 | 64 | 65 | 559 | 553 | 540 | 486 | 417 | 358 | 322 | 282 | 253 | 236 |
| Air Basin Total | 352 | 342 | 343 | 351 | 345 | 352 | 358 | 375 | 385 | 397 | 3852 | 3879 | 3659 | 3336 | 2617 | 2076 | 1670 | 1384 | 1187 | 1073 |

A portion of Kern County lies within the Mojave Desert Air Basin.

Table A-25

San Joaquin Valley Air Basin
County Emission Trends and Forecasts

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Fresno | 38 | 31 | 31 | 31 | 29 | 29 | 30 | 31 | 32 | 33 |
| Kern | 31 | 30 | 27 | 22 | 21 | 22 | 21 | 22 | 23 | 24 |
| Kings | 10 | 9 | 9 | 10 | 10 | 10 | 11 | 11 | 12 | 12 |
| Madera | 7 | 9 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 |
| Merced | 14 | 14 | 14 | 15 | 14 | 14 | 14 | 14 | 14 | 15 |
| San Joaquin | 14 | 14 | 14 | 15 | 15 | 15 | 14 | 15 | 15 | 16 |
| Stanislaus | 15 | 16 | 16 | 17 | 16 | 16 | 16 | 16 | 16 | 16 |
| Tulare | 33 | 33 | 33 | 34 | 33 | 34 | 34 | 35 | 35 | 35 |
| Air Basin Total | 163 | 155 | 150 | 149 | 145 | 148 | 149 | 153 | 157 | 161 |

A portion of Kern County lies within the Mojave Desert Air Basin.

Table A-25 (continued)

San Joaquin Valley Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Aera Energy | Kern County | 1127 |
| Guardian Industries (Glass) | Kingsburg | 1053 |
| Pilkington North America (Glass) | Lathrop | 935 |
| JNW & Associates Cogeneration | Winton | 668 |
| Chevron USA | Kern County | 591 |
| Kern River Cogeneration | Bakersfield | 580 |
| Owens-Brockway Glass Container | Tracy | 571 |
| Saint-Gobain Containers | Madera | 518 |
| Sycamore Cogeneration | Bakersfield | 472 |
| Occidental Of Elk Hills (Natural Gas) | Tupman | 428 |

| Reactive Organic Gases (ROG) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Crimson Resource Management (Natural Gas) | Taft | 448 |
| Occidental Of Elk Hills (Natural Gas) | Tupman | 325 |
| Styrote | Delano | 256 |
| Silgan Containers | Riverbank | 245 |
| Eott Energy Operating (Natural Gas) | Tupman | 162 |
| J G Boswell Oil Mill | Corcoran | 118 |
| Bay Sulfur Company | Stockton | 116 |
| Owens-Brockway Glass Container | Tracy | 102 |

San Joaquin Valley Air Basin

High Emitting Facilities

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Pilkington North America (Glass) | Lathrop | 221 |
| Chevron USA | Fellows | 130 |
| Aera Energy | Kern County | 129 |
| Calaveras Materials | Fresno | 100 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Pilkington North America (Glass) | Lathrop | 212 |
| Chevron USA | Fellows | 130 |
| Aera Energy | Kern County | 128 |

South Central Coast Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| San Luis Obispo | 65 | 65 | 47 | 49 | 32 | 32 | 24 | 19 | 15 | 13 | 46 | 50 | 53 | 44 | 35 | 30 | 26 | 24 | 23 | 22 |
| Santa Barbara | 52 | 65 | 64 | 65 | 54 | 47 | 37 | 30 | 25 | 21 | 83 | 78 | 81 | 73 | 57 | 46 | 38 | 34 | 32 | 32 |
| Ventura | 95 | 105 | 93 | 86 | 67 | 57 | 47 | 38 | 29 | 24 | 109 | 117 | 107 | 95 | 76 | 62 | 51 | 46 | 43 | 41 |
| Air Basin Total | 212 | 236 | 204 | 199 | 153 | 136 | 108 | 87 | 69 | 58 | 238 | 244 | 241 | 212 | 167 | 139 | 115 | 104 | 98 | 95 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| San Luis Obispo | 24 | 26 | 27 | 28 | 27 | 28 | 29 | 29 | 30 | 31 | 273 | 290 | 303 | 277 | 204 | 173 | 139 | 116 | 101 | 92 |
| Santa Barbara | 19 | 21 | 21 | 22 | 20 | 22 | 22 | 23 | 23 | 24 | 469 | 451 | 458 | 418 | 299 | 228 | 181 | 143 | 117 | 100 |
| Ventura | 25 | 23 | 23 | 26 | 25 | 26 | 27 | 28 | 29 | 30 | 553 | 614 | 608 | 546 | 411 | 312 | 236 | 192 | 164 | 147 |
| Air Basin Total | 69 | 70 | 71 | 75 | 72 | 76 | 77 | 80 | 82 | 85 | 1295 | 1355 | 1368 | 1241 | 915 | 713 | 556 | 452 | 381 | 339 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| San Luis Obispo | 11 | 12 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 |
| Santa Barbara | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Ventura | 15 | 12 | 11 | 12 | 11 | 11 | 11 | 11 | 11 | 11 |
| Air Basin Total | 35 | 35 | 32 | 33 | 31 | 32 | 31 | 32 | 32 | 33 |

South Central Coast Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|---|---------------|----------------------|
| Facility Name | City | Tons per Year |
| Celite Corporation (Minerals) | Lompoc | 392 |
| The Point Arguello Project (Oil Production) | Goleta | 296 |
| Exxon - SYU Project | Goleta | 226 |
| ERG - Orcutt Hill (Oil Production) | Orcutt | 219 |
| Conoco Phillips - Santa Maria | Arroyo Grande | 142 |
| Procter & Gamble Paper Products | Oxnard | 133 |

| Reactive Organic Gases (ROG) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Exxon - SYU Project | Goleta | 272 |
| Aera Energy (Oil Production) | Ventura | 151 |
| The Point Arguello Project (Oil Production) | Goleta | 145 |
| Nuevo - South County Offshore (Oil Production) | Orcutt | 138 |
| Venoco - Ellwood | Goleta | 101 |

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|---------------|----------------------|
| Facility Name | City | Tons per Year |
| Celite Corporation | Lompoc | 134 |
| Conoco Phillips - Santa Maria | Arroyo Grande | 110 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|-------------|----------------------|
| Facility Name | City | Tons per Year |

No High Emitting Facilities

South Coast Air Basin

County Emission Trends and Forecasts

| County | NO _x Emissions (tons/day, annual average) | | | | | | | | | | ROG Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Los Angeles | 1234 | 1123 | 1171 | 1027 | 849 | 736 | 581 | 455 | 360 | 311 | 1953 | 1600 | 1538 | 1141 | 805 | 608 | 420 | 349 | 322 | 309 |
| Orange | 270 | 279 | 312 | 266 | 222 | 195 | 162 | 129 | 104 | 91 | 484 | 465 | 471 | 350 | 254 | 198 | 141 | 121 | 114 | 111 |
| Riverside | 88 | 99 | 111 | 151 | 133 | 137 | 118 | 94 | 69 | 55 | 125 | 125 | 134 | 133 | 110 | 93 | 72 | 64 | 63 | 64 |
| San Bernardino | 130 | 140 | 146 | 145 | 127 | 128 | 108 | 85 | 67 | 57 | 162 | 174 | 181 | 150 | 119 | 100 | 77 | 68 | 65 | 65 |
| Air Basin Total | 1723 | 1641 | 1741 | 1588 | 1331 | 1195 | 970 | 763 | 600 | 515 | 2725 | 2364 | 2324 | 1775 | 1288 | 998 | 710 | 602 | 563 | 549 |

| County | Directly Emitted PM ₁₀ Emissions (tons/day, annual average) | | | | | | | | | | CO Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|--|------|------|------|------|------|------|------|------|------|---|-------|-------|-------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Los Angeles | 139 | 136 | 151 | 185 | 163 | 144 | 142 | 143 | 145 | 147 | 11684 | 9018 | 8811 | 6609 | 4718 | 3406 | 2364 | 1793 | 1446 | 1223 |
| Orange | 32 | 38 | 44 | 58 | 54 | 54 | 54 | 55 | 55 | 56 | 2622 | 2407 | 2464 | 1922 | 1454 | 1048 | 770 | 612 | 514 | 457 |
| Riverside | 23 | 28 | 32 | 48 | 49 | 49 | 52 | 55 | 58 | 61 | 775 | 789 | 847 | 927 | 724 | 558 | 422 | 336 | 283 | 251 |
| San Bernardino | 43 | 44 | 47 | 53 | 59 | 46 | 48 | 50 | 51 | 53 | 1074 | 1169 | 1018 | 863 | 678 | 521 | 397 | 322 | 276 | 253 |
| Air Basin Total | 236 | 247 | 274 | 343 | 325 | 293 | 296 | 303 | 309 | 317 | 16154 | 13382 | 13140 | 10322 | 7574 | 5533 | 3953 | 3062 | 2519 | 2184 |

| County | Directly Emitted PM _{2.5} Emissions (tons/day, annual average) | | | | | | | | | |
|-----------------|---|------|------|------|------|------|------|------|------|------|
| | 1975 | 1980 | 1985 | 1990 | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Los Angeles | 80 | 70 | 72 | 76 | 62 | 59 | 60 | 59 | 60 | 60 |
| Orange | 16 | 17 | 19 | 21 | 18 | 19 | 19 | 19 | 19 | 19 |
| Riverside | 9 | 10 | 11 | 15 | 15 | 16 | 17 | 18 | 19 | 20 |
| San Bernardino | 20 | 18 | 16 | 17 | 18 | 17 | 18 | 18 | 19 | 20 |
| Air Basin Total | 124 | 116 | 117 | 129 | 112 | 111 | 113 | 114 | 116 | 119 |

A portion of Los Angeles County lies within the Mojave Desert Air Basin. Portions of Riverside County lie within the Mojave Desert and Salton Sea Air Basins. A portion of San Bernardino County Lies within the Mojave Desert Air Basin.

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South Coast Air Basin

High Emitting Facilities

| Oxides of Nitrogen (NO_x) | | |
|--|-------------|----------------------|
| Facility Name | City | Tons per Year |
| California Portland Cement | Colton | 1258 |
| Equilon Enterprises (Refining) | Wilmington | 1108 |
| Chevron USA | El Segundo | 1027 |
| West Coast Products (Refining) | Carson | 834 |
| Mobil Oil | Torrance | 671 |
| Tesco Refining Company | Wilmington | 593 |
| Southern California Edison | Avalon | 435 |
| AES Alamitos (Electric Power) | Long Beach | 393 |
| Tesco Refining Company | Carson | 389 |
| Mountain Vista Power Generation | Etiwanda | 361 |

| Reactive Organic Gases (ROG) | | |
|-------------------------------------|-------------|----------------------|
| Facility Name | City | Tons per Year |
| Chevron USA | El Segundo | 870 |
| Mobil Oil | Torrance | 573 |
| West Coast Products (Refining) | Carson | 409 |
| MCP Foods | Anaheim | 386 |
| Tomkins Industries (Plastics) | Anaheim | 328 |
| TABC, Inc (Automotive Parts) | Long Beach | 287 |
| Equilon Enterprises (Refining) | Wilmington | 284 |
| Tesco Refining Company | Wilmington | 259 |
| AES Alamitos (Electric Power) | Long Beach | 215 |
| Anheuser-Busch | Van Nuys | 182 |

South Coast Air Basin
High Emitting Facilities

| Directly Emitted Particulate Matter (PM₁₀) | | |
|--|---------------|----------------------|
| Facility Name | City | Tons per Year |
| AES Alamitos (Electric Power) | Long Beach | 405 |
| Chevron USA | El Segundo | 261 |
| West Coast Products (Refining) | Carson | 251 |
| Equilon Enterprises (Refining) | Wilmington | 176 |
| Tosco Refining Company | Wilmington | 170 |
| Ultramar Inc (Refining) | Wilmington | 169 |
| AES Redondo Beach (Electric Power) | Redondo Beach | 153 |
| Mobil Oil | Torrance | 141 |
| California Portland Cement | Colton | 111 |

| Directly Emitted Particulate Matter (PM_{2.5}) | | |
|---|---------------|----------------------|
| Facility Name | City | Tons per Year |
| AES Alamitos (Electric Power) | Long Beach | 405 |
| West Coast Products (Refining) | Carson | 246 |
| Chevron USA | El Segundo | 239 |
| Tosco Refining Company | Wilmington | 158 |
| AES Redondo Beach (Electric Power) | Redondo Beach | 152 |
| Ultramar Inc (Refining) | Wilmington | 148 |
| Equilon Enterprises (Refining) | Wilmington | 147 |
| Mobil Oil | Torrance | 128 |

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Air Quality

This section contains air quality trend data for each county in California's 15 air basins, organized alphabetically, by air basin. It is important to note that some counties are located in more than one air basin. For these counties, the air quality data are for that portion of the county located in each air basin. The time period covered is 1984 through 2003 for ozone, CO, NO₂, and SO₂; 1988 through 2003 for PM₁₀; and 1999 through 2003 for PM_{2.5}. In some areas, no monitoring data are available or the data are incomplete. Tables for these areas are included, but the lack of data is noted on the tables.

Consistent with last year's almanac, this section provides information on the 4th highest 1-hour ozone concentration in three years, and the average 4th highest 8-hour concentration in three years. In some cases, these statistics may be the same as the national 1-hour and 8-hour ozone design values. However, since this does not consider data completeness, they are not considered valid for design value purposes.

This year's almanac also provides both State and national PM₁₀ annual average statistics. State and national annual average concentrations may differ for several reasons: 1) the State and national criteria for assessing data completeness are different, 2) different monitors are approved, by the State and U.S. EPA, for assessing compliance with the State and national standards, and 3) the State standard uses local conditions while the national standard uses standard conditions for data reporting.

Note: PM_{2.5} air quality data are included in Appendix A for the first time due to the data now being adequate for developing trends. PM_{2.5} air quality data are summarized by air basin in Chapter 2 and Appendix B.

Additional information about the data in the following tables can be found in the *Introduction* section to this Appendix and in the *Interpreting the Emissions and Air Quality Statistics* section in Chapter 1.

Great Basin Valleys Air Basin**County: Alpine**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hour Indicator | | | | | | | | | | | | | | | | | | | | |
| Peak 8-Hour Indicator | | | | | | | | | | | | | | | | | | | | |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | | |
| Maximum 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State Standard | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

Great Basin Valleys Air Basin

County: Inyo

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | | | 0.083 | 0.083 | 0.097 | 0.097 | 0.094 | 0.090 | 0.092 | 0.090 | 0.090 | 0.089 | 0.091 | 0.091 |
| Peak 8-Hour Indicator | | | | | | | | | 0.073 | 0.075 | 0.086 | 0.086 | 0.084 | 0.085 | 0.087 | 0.085 | 0.085 | 0.085 | 0.083 | 0.085 |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | 0.040 | 0.080 | 0.080 | 0.093 | 0.093 | 0.093 | 0.086 | 0.088 | 0.089 | 0.090 | 0.092 | 0.092 | 0.092 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | 0.040 | 0.055 | 0.060 | 0.068 | 0.064 | 0.076 | 0.074 | 0.079 | 0.079 | 0.080 | 0.079 | 0.081 | 0.081 |
| Maximum 1-Hr. Concentration | | | | | | | | 0.050 | 0.080 | 0.080 | 0.101 | 0.085 | 0.095 | 0.084 | 0.092 | 0.094 | 0.090 | 0.095 | 0.100 | 0.089 |
| Max. 8-Hr. Concentration | | | | | | | | 0.041 | 0.076 | 0.077 | 0.089 | 0.073 | 0.082 | 0.080 | 0.085 | 0.089 | 0.080 | 0.089 | 0.088 | 0.084 |
| Days Above State Standard | | | | | | | | | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 119 | 227 | 866 | 150 | 64 | 254 | 388 | 692 | 309 | 402 | 1022 | 2708 | 9967 | 3457 | 7401 | 15641 |
| Max. 24-Hr. Concentration (Nat) | | | | | 394 | 1861 | 866 | 181 | 526 | 781 | 388 | 2668 | 491 | 402 | 1116 | 867 | 2023 | 3189 | 1442 | 16462 |
| Annual Average (State) | | | | | 27.1 | 29.4 | 23.2 | 18.1 | 28.7 | 22.4 | 32.3 | 21.5 | 14.6 | 57.8 | 13.6 | 115.4 | 63.1 | 159.3 | 130.4 | |
| Annual Average (Nat) | | | | | 32.7 | 27.4 | 29.4 | 23.2 | 37.3 | 30.6 | 26.2 | 31.8 | 21.5 | 14.6 | 53.8 | 15.3 | 39.0 | 69.6 | 31.2 | 38.8 |
| Calc Days Above State 24-Hr Std | | | | | 36 | 18 | 12 | 12 | 36 | 16 | 23 | 7 | 6 | 80 | 0 | 58 | 41 | 93 | 44 | |
| Calc Days Above Nat 24-Hr Std | | | | | 13 | 27 | 12 | 3 | 19 | 8 | 4 | 14 | 26 | 17 | 22 | 0 | 45 | 17 | 13 | 32 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 40.7 | 68.0 | 76.0 | 68.0 | 44.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 40.7 | 68.0 | 76.0 | 68.0 | 44.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 67.0 | 23.0 | 64.0 | 8.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 5.5 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 5.5 | 8.4 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | | | | | | | | | 3.5 | 3.2 | 3.1 | 2.9 | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | 6 | 11 | 5 | 5 | 4 | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | 3.6 | 3.8 | 2.8 | 2.8 | 2 | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Table A-32

Great Basin Valleys Air Basin**County: Mono**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|------|
| Peak 1-Hour Indicator | 0.096 | 0.094 | 0.100 | 0.099 | 0.100 | 0.099 | 0.100 | 0.099 | 0.115 | 0.110 | 0.108 | 0.097 | 0.099 | 0.096 | 0.095 | | 0.104 | 0.105 | | |
| Peak 8-Hour Indicator | 0.089 | 0.088 | 0.095 | 0.094 | 0.092 | 0.092 | 0.093 | 0.091 | 0.097 | 0.093 | 0.092 | 0.085 | 0.087 | 0.083 | 0.081 | | 0.091 | 0.091 | | |
| 4th High 1-Hr. in 3 Yrs | 0.090 | 0.090 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.090 | 0.120 | 0.120 | 0.120 | 0.100 | 0.100 | 0.091 | 0.090 | | 0.097 | 0.097 | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.078 | 0.079 | 0.082 | 0.084 | 0.086 | 0.081 | 0.081 | 0.076 | 0.081 | 0.078 | 0.082 | 0.079 | 0.079 | 0.077 | 0.073 | | 0.083 | 0.072 | | |
| Maximum 1-Hr. Concentration | 0.090 | 0.100 | 0.100 | 0.100 | 0.100 | 0.080 | 0.100 | 0.090 | 0.150 | 0.090 | 0.120 | 0.110 | 0.090 | 0.092 | 0.079 | | 0.100 | 0.071 | | |
| Max. 8-Hr. Concentration | 0.087 | 0.090 | 0.093 | 0.091 | 0.098 | 0.077 | 0.091 | 0.073 | 0.103 | 0.077 | 0.092 | 0.101 | 0.090 | 0.078 | 0.073 | | 0.095 | 0.063 | | |
| Days Above State Standard | 0 | 1 | 5 | 4 | 3 | 0 | 2 | 0 | 5 | 0 | 2 | 2 | 0 | 0 | 0 | | 4 | 0 | | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 2 | 2 | 13 | 2 | 6 | 0 | 3 | 0 | 9 | 0 | 3 | 2 | 1 | 0 | 0 | | 2 | 0 | | |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 166 | 163 | 161 | 134 | 493 | 981 | 92 | 122 | 158 | 112 | 88 | 109 | 8817 | 3643 | 5291 | 4774 |
| Max. 24-Hr. Concentration (Nat) | | | | | 166 | 163 | 161 | 134 | 493 | 981 | 92 | 122 | 158 | 112 | 106 | 133 | 10466 | 4482 | 6505 | 5745 |
| Annual Average (State) | | | | | | | 11.6 | | 37.0 | 34.2 | 29.8 | 26.0 | | 26.4 | | 10.0 | 116.8 | 62.3 | 10.5 | |
| Annual Average (Nat) | | | | | | 36.9 | 34.6 | 39.6 | 12.7 | 36.3 | 34.6 | 29.9 | 26.0 | 14.4 | 26.5 | 8.7 | 12.6 | 121.2 | 10.8 | 79.5 |
| Calc Days Above State 24-Hr Std | | | | | | | | 13 | 83 | 62 | 64 | 37 | | 36 | | 0 | 18 | 22 | 0 | |
| Calc Days Above Nat 24-Hr Std | | | | | | | 6 | 7 | 12 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 15 | 0 | 13 | 22 |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 31.0 | 41.0 | 34.0 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 31.0 | 41.0 | 34.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | 7.3 | 7.2 | 7.0 | 5.9 | 5.8 | 5.7 | 5.6 | 5.0 | 4.7 | 4.6 | 4.0 | 4.0 | 3.9 | 2.9 | 2.5 | 2.5 |
| Max. 1-Hr. Concentration | 13.0 | 16.0 | 11.0 | 9.0 | 13.0 | 12.0 | 10.0 | 11.0 | 8.0 | 13.0 | 9.0 | 10.0 | 6.0 | 8.2 | 6.7 | | 4.2 | 15.4 | 3.8 | |
| Max. 8-Hr. Concentration | 7.3 | 7.4 | 6.0 | 6.3 | 5.0 | 5.4 | 4.4 | 5.0 | 4.4 | 4.5 | 5.4 | 5.4 | 3.0 | 3.4 | 3.0 | | 2.5 | 2.5 | 1.8 | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Lake County Air Basin

County: Lake

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | 0.079 | 0.075 | 0.081 | 0.081 | 0.080 | 0.083 | 0.074 | 0.075 | 0.077 | 0.077 | 0.083 | 0.082 | 0.082 | 0.076 | 0.076 | 0.087 | 0.083 | 0.080 | 0.081 | 0.080 | |
| Peak 8-Hour Indicator | 0.073 | 0.067 | 0.072 | 0.075 | 0.076 | 0.072 | 0.060 | 0.064 | 0.064 | 0.066 | 0.071 | 0.071 | 0.071 | 0.064 | 0.065 | 0.075 | 0.073 | 0.071 | 0.073 | 0.071 | |
| 4th High 1-Hr. in 3 Yrs | 0.080 | 0.070 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.063 | 0.059 | 0.064 | 0.065 | 0.065 | 0.058 | 0.054 | 0.055 | 0.055 | 0.057 | 0.059 | 0.061 | 0.060 | 0.058 | 0.057 | 0.061 | 0.062 | 0.063 | 0.064 | 0.064 | |
| Maximum 1-Hr. Concentration | 0.080 | 0.080 | 0.080 | 0.090 | 0.070 | 0.060 | 0.090 | 0.080 | 0.080 | 0.080 | 0.090 | 0.070 | 0.090 | 0.080 | 0.080 | 0.090 | 0.080 | 0.070 | 0.090 | 0.080 | |
| Max. 8-Hr. Concentration | 0.077 | 0.070 | 0.080 | 0.080 | 0.061 | 0.053 | 0.063 | 0.066 | 0.057 | 0.072 | 0.075 | 0.063 | 0.070 | 0.065 | 0.076 | 0.072 | 0.073 | 0.065 | 0.077 | 0.065 | |
| Days Above State Standard | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 23 | 29 | 30 | 31 | 22 | 30 | 21 | 30 | 26 | 18 | 34 | 40 | 21 | 23 | 85 | 32 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 28 | 29 | 30 | 31 | 22 | 30 | 21 | 30 | 26 | 18 | 35 | 43 | 22 | 21 | | | |
| Annual Average (State) | | | | | | 12.9 | | | | 11.9 | 11.3 | 11.0 | 10.8 | 10.2 | 8.6 | | | 10.6 | 10.2 | 13.1 | 10.0 |
| Annual Average (Nat) | | | | | | 12.9 | | | | 12.6 | 11.8 | 11.3 | 10.9 | 10.7 | 10.2 | 8.6 | 7.8 | | | 10.8 | |
| Calc Days Above State 24-Hr Std | | | | | | 0 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 12 | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 14.5 | 10.0 | 15.1 | 74.7 | 21.9 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 14.5 | 10.0 | 15.1 | 74.7 | 21.9 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | 9.4 | 11.3 | 46.3 | 15.1 |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 4.1 | 6.3 | 4.4 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 4.3 | 4.2 | 6.3 | 4.4 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | 1.9 | 2.9 | 2.9 | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | 3.0 | 6.0 | 7.0 | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | 2.2 | 2.6 | 3.1 | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | 0 | 0 | 0 | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | 0 | 0 | 0 | | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

No Monitoring Data Available

Lake Tahoe Air Basin**County: El Dorado**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
| Peak 1-Hour Indicator | 0.080 | 0.081 | 0.082 | 0.085 | 0.089 | 0.091 | 0.091 | 0.093 | 0.089 | 0.079 | 0.082 | 0.084 | 0.084 | 0.083 | 0.082 | 0.081 | 0.089 | 0.090 | 0.093 | 0.091 | | | | | | | | |
| Peak 8-Hour Indicator | 0.070 | 0.072 | 0.074 | 0.077 | 0.080 | 0.081 | 0.081 | 0.082 | 0.081 | 0.068 | 0.074 | 0.075 | 0.076 | 0.073 | 0.074 | 0.074 | 0.077 | 0.079 | 0.080 | 0.081 | | | | | | | | |
| 4th High 1-Hr. in 3 Yrs | 0.080 | 0.080 | 0.080 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.070 | 0.081 | 0.086 | 0.083 | 0.083 | 0.081 | 0.081 | 0.086 | 0.087 | 0.089 | 0.088 | | | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.067 | 0.068 | 0.069 | 0.071 | 0.074 | 0.076 | 0.075 | 0.076 | 0.075 | 0.056 | 0.061 | 0.070 | 0.071 | 0.068 | 0.069 | 0.069 | 0.074 | 0.075 | 0.075 | 0.076 | | | | | | | | |
| Maximum 1-Hr. Concentration | 0.080 | 0.100 | 0.090 | 0.090 | 0.090 | 0.100 | 0.090 | 0.090 | 0.100 | 0.090 | 0.086 | 0.092 | 0.083 | 0.095 | 0.081 | 0.095 | 0.089 | 0.095 | 0.102 | 0.082 | | | | | | | | |
| Max. 8-Hr. Concentration | 0.072 | 0.086 | 0.080 | 0.082 | 0.085 | 0.085 | 0.080 | 0.081 | 0.082 | 0.071 | 0.079 | 0.089 | 0.073 | 0.071 | 0.077 | 0.079 | 0.077 | 0.084 | 0.079 | 0.079 | | | | | | | | |
| Days Above State Standard | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | | | | | | | | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | 52 | 92 | 78 | 71 | 72 | 55 | 50 | 36 | 44 | 50 | 46 | 52 | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | 95 | 73 | 84 | 78 | 85 | 92 | 78 | 71 | 72 | 55 | 41 | 50 | 58 | 51 | 61 | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | 27.1 | 22.5 | | 21.6 | 19.8 | 16.9 | 17.3 | 16.9 | 17.1 | 15.0 | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | 28.1 | 30.7 | 28.3 | | 27.1 | 22.5 | 23.4 | 21.6 | 23.4 | 19.9 | 20.4 | 19.8 | 19.9 | 17.6 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | 42 | 18 | 13 | 0 | 0 | 0 | 0 | 0 | 6 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | 21.0 | 23.0 | 31.0 | 27.0 | 24.0 | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | 21.0 | 23.0 | 31.0 | 27.0 | 21.0 | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | 21.0 | 22.0 | 26.0 | 19.0 | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | 8.3 | 7.8 | 8.2 | 7.2 | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | 8.3 | 7.8 | 8.2 | 7.2 | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | | | |
| Peak 8-Hr. Indicator | 16.1 | 16.4 | 15.5 | 14.9 | 13.2 | 12.6 | 11.9 | 11.1 | 10.2 | 8.7 | 8.3 | 7.8 | 7.0 | 5.6 | 5.0 | 2.3 | 2.1 | 2.0 | 2.0 | 1.9 | | | | | | | | |
| Max. 1-Hr. Concentration | 23.0 | 23.0 | 20.0 | 19.0 | 19.0 | 17.0 | 18.0 | 14.0 | 15.0 | 13.0 | 11.3 | 9.3 | 10.4 | 7.7 | 7.5 | 3.2 | 5.4 | 3.1 | 3.8 | 2.4 | | | | | | | | |
| Max. 8-Hr. Concentration | 14.8 | 16.3 | 12.5 | 13.0 | 12.5 | 11.3 | 10.1 | 9.2 | 9.9 | 7.5 | 7.1 | 6.3 | 5.1 | 3.8 | 4.3 | 2.4 | 1.9 | 1.9 | 3.0 | 1.9 | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | 28 | 28 | 10 | 12 | 9 | 5 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| Days Above Lake Tahoe 8-Hr. Std. | 139 | 121 | 96 | 87 | 80 | 67 | 39 | 24 | 13 | 12 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | | | |
| Peak 1-Hr. Indicator | 0.079 | 0.079 | 0.074 | 0.076 | 0.073 | 0.074 | 0.078 | 0.076 | 0.078 | 0.062 | 0.061 | 0.062 | 0.062 | 0.061 | 0.060 | 0.057 | 0.058 | 0.068 | 0.063 | 0.062 | | | | | | | | |
| Max. 1-Hr. Concentration | 0.060 | 0.080 | 0.080 | 0.080 | 0.070 | 0.070 | 0.150 | 0.060 | 0.060 | 0.060 | 0.057 | 0.059 | 0.061 | 0.051 | 0.052 | 0.060 | 0.086 | 0.090 | 0.088 | 0.059 | | | | | | | | |
| Max. Annual Average | 0.012 | 0.011 | 0.010 | 0.012 | 0.012 | | 0.012 | 0.012 | | 0.011 | 0.012 | 0.011 | 0.011 | 0.011 | 0.010 | 0.011 | 0.011 | 0.011 | 0.012 | 0.010 | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Lake Tahoe Air Basin

County: Placer

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| Peak 1-Hour Indicator | | | | | | | | | | | | | | | | | | | 0.079 | |
| Peak 8-Hour Indicator | | | | | | | | | | | | | | | | | | | 0.073 | |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | 0.076 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | 0.068 | |
| Maximum 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | 0.086 | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | 0.070 | |
| Days Above State Standard | | | | | | | | | | | | | | | | | | | 0 | |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | | | | | | | | | | | 0 | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | 0 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | 24 | 50 | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | 24 | 50 | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | 27.4 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | | | | | | | | | | | 3.9 | 3.9 | 3.9 | | | | | | 1.0 | |
| Max. 1-Hr. Concentration | 13.0 | | | | | | | | | | 9.0 | 11.6 | 9.5 | | | | | | 1.4 | |
| Max. 8-Hr. Concentration | 7.3 | | | | | | | | | | 4.3 | 4.7 | 2.9 | | | | | | 0.8 | |
| Days Above Nat. 8-Hr. Std. | 0 | | | | | | | | | | 0 | 0 | 0 | | | | | | 0 | |
| Days Above Lake Tahoe 8-Hr. Std. | 2 | | | | | | | | | | 0 | 0 | 0 | | | | | | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

No Monitoring Data Available

Mojave Desert Air Basin**County: Kern**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | | | | | 0.122 | 0.134 | 0.125 | 0.121 | 0.125 | 0.121 | 0.121 | 0.121 | 0.116 | 0.116 | 0.117 |
| Peak 8-Hour Indicator | | | | | | | | | | | 0.106 | 0.112 | 0.107 | 0.105 | 0.110 | 0.106 | 0.106 | 0.106 | 0.101 | 0.100 | 0.103 |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | | | 0.120 | 0.121 | 0.123 | 0.123 | 0.123 | 0.126 | 0.119 | 0.119 | 0.118 | 0.116 | 0.118 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | | | 0.102 | 0.102 | 0.101 | 0.100 | 0.097 | 0.099 | 0.096 | 0.097 | 0.096 | 0.095 | 0.098 |
| Maximum 1-Hr. Concentration | | | | | | | | | | | 0.130 | 0.124 | 0.142 | 0.130 | 0.119 | 0.134 | 0.119 | 0.113 | 0.126 | 0.115 | 0.119 |
| Max. 8-Hr. Concentration | | | | | | | | | | | 0.112 | 0.107 | 0.109 | 0.109 | 0.096 | 0.117 | 0.100 | 0.095 | 0.104 | 0.102 | 0.103 |
| Days Above State Standard | | | | | | | | | | | 15 | 43 | 54 | 46 | 22 | 43 | 39 | 25 | 33 | 18 | 31 |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | | | 2 | 0 | 3 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | 13 | 46 | 46 | 42 | 19 | 40 | 34 | 15 | 32 | 26 | 27 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | 54 | 462 | 534 | 65 | 50 | 33 | 143 | 92 | 130 | 159 | 40 | 90 | 112 | 194 | 158 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | 148 | 54 | 462 | 534 | 65 | 64 | 116 | 235 | 92 | 130 | 165 | 45 | 90 | 115 | 208 | 162 | | |
| Annual Average (State) | | | | | | | | | | | | | | 16.9 | 18.4 | 15.0 | 17.7 | 20.3 | 19.8 | 24.2 | 21.5 | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | 34.0 | 21.2 | 17.3 | 16.9 | 18.6 | 16.2 | 19.3 | 21.6 | 21.2 | 26.1 | 22.9 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | 0 | 6 | 0 | 6 | 6 | 12 | 12 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | 6 | 0 | 0 | 0 | 0 | 7 | 6 | | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 27.6 | 38.6 | 15.3 | 31.4 | 23.2 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 27.6 | 38.6 | 15.3 | 31.4 | 23.2 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | 13.9 | 28.0 | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | 7.8 | 6.5 | 8.2 | 5.9 |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hr. Indicator | | | | | | | | | | | 0.063 | 0.067 | 0.072 | 0.072 | 0.072 | 0.067 | 0.070 | 0.066 | 0.067 | 0.064 | |
| Max. 1-Hr. Concentration | | | | | | | | | | | 0.070 | 0.060 | 0.120 | 0.075 | 0.075 | 0.082 | 0.083 | 0.071 | 0.071 | 0.071 | 0.073 |
| Max. Annual Average | | | | | | | | | | | | | 0.008 | | 0.010 | 0.011 | | 0.010 | 0.010 | 0.009 | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mojave Desert Air Basin

County: Los Angeles

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.176 | 0.185 | 0.187 | 0.191 | 0.187 | 0.181 | 0.179 | 0.140 | 0.154 | 0.159 | 0.161 | 0.194 | 0.138 | 0.134 | 0.140 | 0.131 | 0.137 | 0.128 | 0.140 | 0.137 |
| Peak 8-Hour Indicator | 0.139 | 0.142 | 0.145 | 0.144 | 0.138 | 0.138 | 0.136 | 0.113 | 0.120 | 0.122 | 0.123 | 0.144 | 0.110 | 0.111 | 0.107 | 0.104 | 0.107 | 0.106 | 0.108 | 0.115 |
| 4th High 1-Hr. in 3 Yrs | 0.180 | 0.180 | 0.190 | 0.190 | 0.180 | 0.170 | 0.170 | 0.140 | 0.160 | 0.160 | 0.160 | 0.172 | 0.138 | 0.129 | 0.137 | 0.137 | 0.139 | 0.128 | 0.128 | 0.133 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.124 | 0.132 | 0.134 | 0.132 | 0.128 | 0.123 | 0.105 | 0.105 | 0.110 | 0.113 | 0.113 | 0.130 | 0.103 | 0.098 | 0.097 | 0.089 | 0.092 | 0.091 | 0.071 | 0.082 |
| Maximum 1-Hr. Concentration | 0.180 | 0.190 | 0.200 | 0.170 | 0.180 | 0.210 | 0.150 | 0.140 | 0.170 | 0.160 | 0.143 | 0.185 | 0.131 | 0.123 | 0.164 | 0.097 | 0.141 | 0.146 | 0.157 | 0.156 |
| Max. 8-Hr. Concentration | 0.141 | 0.147 | 0.150 | 0.140 | 0.131 | 0.147 | 0.106 | 0.111 | 0.137 | 0.127 | 0.127 | 0.154 | 0.104 | 0.101 | 0.118 | 0.083 | 0.117 | 0.102 | 0.107 | 0.120 |
| Days Above State Standard | 110 | 106 | 108 | 105 | 105 | 95 | 52 | 62 | 78 | 59 | 62 | 92 | 40 | 14 | 24 | 1 | 35 | 37 | 46 | 50 |
| Days Above Nat. 1-Hr. Std. | 49 | 58 | 47 | 32 | 44 | 27 | 7 | 8 | 25 | 14 | 10 | 34 | 1 | 0 | 8 | 0 | 2 | 3 | 5 | 4 |
| Days Above Nat. 8-Hr. Std. | 85 | 85 | 79 | 76 | 91 | 65 | 36 | 39 | 53 | 36 | 33 | 70 | 18 | 7 | 18 | 0 | 28 | 24 | 38 | 33 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | 342 | 780 | 68 | 70 | 97 | 61 | 67 | 54 | | | | 54 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | 110 | 342 | 780 | 68 | 70 | 97 | 61 | 67 | 54 | 80 | 85 | | 73 | 57 |
| Annual Average (State) | | | | | | | | | | 35.1 | | | 29.0 | | | | | | | |
| Annual Average (Nat) | | | | | | | 46.0 | | 58.0 | 32.6 | 34.9 | | 25.5 | 29.0 | 29.2 | | 28.7 | | 29.7 | 24.6 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | 58 | | | 12 | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | 0 | | 13 | 0 | 0 | | 0 | 0 | 0 | | 0 | | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 47.6 | 36.0 | 35.0 | 24.0 | 25.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 47.6 | 36.0 | 35.0 | 24.0 | 25.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 23.5 | 21.0 | 20.0 | 17.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | 11.2 | | | 9.4 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 11.2 | 10.5 | 10.4 | 9.4 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 5.4 | 5.6 | 5.2 | 4.9 | 4.6 | 5.5 | 7.7 | 7.6 | 6.5 | 6.2 | 6.1 | 5.8 | 5.3 | 4.8 | 4.4 | 4.4 | 4.6 | 4.8 | 2.0 | 2.0 |
| Max. 1-Hr. Concentration | 10.0 | 12.0 | 9.0 | 12.0 | 11.0 | 13.0 | 11.0 | 10.0 | 9.0 | 8.0 | 9.1 | 7.5 | 6.8 | 5.9 | 5.4 | 7.2 | 6.0 | 6.1 | 3.4 | 3.2 |
| Max. 8-Hr. Concentration | 4.9 | 5.7 | 4.6 | 3.9 | 5.9 | 7.1 | 8.3 | 7.1 | 5.4 | 5.9 | 5.6 | 5.0 | 4.7 | 4.0 | 3.6 | 5.4 | 4.3 | 3.3 | 2.2 | 1.9 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.093 | 0.091 | 0.087 | 0.084 | 0.090 | 0.091 | 0.096 | 0.095 | 0.097 | 0.098 | 0.097 | 0.098 | 0.090 | 0.086 | 0.070 | 0.070 | 0.070 | 0.070 | 0.074 | 0.071 |
| Max. 1-Hr. Concentration | 0.110 | 0.080 | 0.090 | 0.090 | 0.090 | 0.080 | 0.090 | 0.110 | 0.160 | 0.110 | 0.097 | 0.140 | 0.080 | 0.071 | 0.077 | 0.083 | 0.065 | 0.075 | 0.101 | 0.067 |
| Max. Annual Average | 0.018 | 0.015 | 0.014 | 0.016 | 0.016 | 0.019 | | 0.014 | 0.017 | 0.020 | 0.018 | 0.019 | 0.015 | | | | 0.016 | 0.016 | 0.015 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mojave Desert Air Basin**County: Riverside**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|------|
| Peak 1-Hour Indicator | | 0.143 | 0.138 | 0.144 | 0.142 | 0.141 | 0.132 | 0.140 | 0.146 | 0.146 | | | | | | | | | 0.079 | |
| Peak 8-Hour Indicator | | 0.106 | 0.107 | 0.112 | 0.113 | 0.116 | 0.105 | 0.113 | 0.113 | 0.114 | | | | | | | | | 0.073 | |
| 4th High 1-Hr. in 3 Yrs | | 0.110 | 0.140 | 0.147 | 0.147 | 0.140 | 0.131 | 0.130 | 0.130 | 0.131 | | | | | | | | | 0.074 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | 0.092 | 0.096 | 0.101 | 0.103 | 0.102 | 0.096 | 0.099 | 0.101 | 0.101 | | | | | | | | | 0.064 | |
| Maximum 1-Hr. Concentration | | 0.140 | 0.160 | 0.148 | 0.140 | 0.140 | 0.130 | 0.130 | 0.138 | 0.140 | | | | | | | | | 0.077 | |
| Max. 8-Hr. Concentration | | 0.102 | 0.105 | 0.127 | 0.105 | 0.117 | 0.102 | 0.115 | 0.115 | 0.108 | | | | | | | | | 0.071 | |
| Days Above State Standard | 19 | 39 | 65 | 32 | 31 | 23 | 33 | 44 | 44 | 18 | | | | | | | | | 0 | |
| Days Above Nat. 1-Hr. Std. | | 3 | 3 | 10 | 4 | 2 | 1 | 6 | 7 | 1 | | | | | | | | | 0 | |
| Days Above Nat. 8-Hr. Std. | | 8 | 30 | 49 | 16 | 20 | 18 | 37 | 39 | 16 | | | | | | | | | 0 | |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Table A-39 Portions of Riverside County lie within the Salton Sea and South Coast Air Basins.

Mojave Desert Air Basin

County: San Bernardino

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| Peak 1-Hour Indicator | 0.193 | 0.200 | 0.235 | 0.231 | 0.234 | 0.204 | 0.215 | 0.223 | 0.220 | 0.193 | 0.191 | 0.193 | 0.186 | 0.171 | 0.176 | 0.162 | 0.154 | 0.136 | 0.139 | 0.138 | | | |
| Peak 8-Hour Indicator | 0.142 | 0.164 | 0.200 | 0.191 | 0.189 | 0.161 | 0.170 | 0.170 | 0.166 | 0.155 | 0.148 | 0.158 | 0.146 | 0.145 | 0.145 | 0.133 | 0.124 | 0.114 | 0.116 | 0.117 | | | |
| 4th High 1-Hr. in 3 Yrs | 0.220 | 0.220 | 0.230 | 0.230 | 0.230 | 0.210 | 0.220 | 0.230 | 0.230 | 0.200 | 0.190 | 0.188 | 0.182 | 0.175 | 0.167 | 0.166 | 0.164 | 0.135 | 0.143 | 0.138 | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.132 | 0.150 | 0.168 | 0.163 | 0.165 | 0.153 | 0.151 | 0.151 | 0.147 | 0.139 | 0.138 | 0.137 | 0.131 | 0.124 | 0.127 | 0.118 | 0.110 | 0.102 | 0.106 | 0.106 | | | |
| Maximum 1-Hr. Concentration | 0.230 | 0.210 | 0.260 | 0.220 | 0.270 | 0.220 | 0.270 | 0.240 | 0.230 | 0.200 | 0.188 | 0.240 | 0.175 | 0.187 | 0.202 | 0.137 | 0.163 | 0.146 | 0.148 | 0.163 | | | |
| Max. 8-Hr. Concentration | 0.158 | 0.167 | 0.225 | 0.161 | 0.167 | 0.161 | 0.198 | 0.173 | 0.165 | 0.147 | 0.155 | 0.170 | 0.146 | 0.133 | 0.144 | 0.122 | 0.132 | 0.117 | 0.123 | 0.130 | | | |
| Days Above State Standard | 103 | 138 | 142 | 147 | 148 | 150 | 135 | 132 | 148 | 129 | 137 | 109 | 98 | 95 | 74 | 74 | 79 | 52 | 68 | 78 | | | |
| Days Above Nat. 1-Hr. Std. | 38 | 74 | 94 | 71 | 104 | 91 | 76 | 67 | 75 | 66 | 77 | 47 | 38 | 22 | 24 | 4 | 10 | 3 | 14 | 11 | | | |
| Days Above Nat. 8-Hr. Std. | 86 | 119 | 136 | 135 | 137 | 136 | 118 | 122 | 128 | 121 | 126 | 94 | 83 | 74 | 60 | 61 | 61 | 47 | 59 | 61 | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | 63 | 191 | 381 | 389 | 80 | 79 | 140 | 85 | 138 | 85 | | | | 169 | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | 150 | 191 | 381 | 389 | 105 | 79 | 140 | 85 | 138 | 85 | 70 | 109 | 80 | 84 | 98 | 181 | | |
| Annual Average (State) | | | | | | | 42.5 | | | 39.7 | 34.4 | 27.9 | | 28.9 | 27.4 | | | | 27.9 | | | | |
| Annual Average (Nat) | | | | | | 35.8 | 48.6 | 48.1 | 42.8 | 39.4 | 34.9 | 42.1 | | 28.9 | 27.3 | 27.8 | 32.1 | 33.6 | 29.8 | 34.3 | 33.2 | | |
| Calc Days Above State 24-Hr Std | | | | | | | 72 | | | 84 | 50 | 6 | | 18 | 6 | | | | | 18 | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 6 | 6 | 7 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 8 | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 25.4 | 31.0 | 32.0 | 38.0 | 28.0 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 25.4 | 31.0 | 32.0 | 38.0 | 28.0 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 20.4 | 23.0 | 21.0 | 34.0 | 24.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | 11.5 | 13.9 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | 11.9 | 12.0 | 11.5 | 13.9 | 11.4 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 8-Hr. Indicator | 3.1 | 3.4 | 3.4 | 3.5 | 4.2 | 4.0 | 4.1 | 4.2 | 4.3 | 3.8 | 3.8 | 2.9 | 7.4 | 2.3 | 2.4 | 2.1 | 1.7 | 1.8 | 1.8 | 1.8 | | | |
| Max. 1-Hr. Concentration | 6.0 | 6.0 | 8.0 | 6.0 | 10.0 | 7.0 | 9.0 | 5.0 | 6.0 | 5.0 | 7.9 | 6.1 | 8.4 | 4.1 | 3.9 | 10.3 | 3.0 | 3.8 | 3.0 | 3.9 | | | |
| Max. 8-Hr. Concentration | 2.9 | 3.5 | 3.4 | 4.0 | 5.8 | 3.9 | 3.9 | 3.9 | 3.4 | 3.5 | 3.2 | 2.7 | 7.5 | 3.1 | 2.2 | 3.2 | 1.6 | 1.7 | 1.8 | 2.1 | | | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | 0.138 | 0.136 | 0.130 | 0.134 | 0.112 | 0.100 | 0.182 | 0.259 | 0.275 | 0.289 | 0.202 | 0.124 | 0.119 | 0.097 | 0.102 | 0.105 | 0.106 | 0.099 | 0.096 | 0.092 | | | |
| Max. 1-Hr. Concentration | 0.160 | 0.140 | 0.150 | 0.130 | 0.100 | 0.120 | 0.190 | 0.350 | 0.240 | 0.360 | 0.138 | 0.118 | 0.087 | 0.107 | 0.196 | 0.113 | 0.105 | 0.102 | 0.091 | 0.095 | | | |
| Max. Annual Average | 0.021 | 0.025 | 0.021 | | 0.018 | 0.026 | 0.019 | | 0.025 | | 0.024 | 0.023 | 0.021 | 0.020 | 0.022 | 0.024 | 0.025 | 0.024 | 0.025 | 0.024 | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | 0.04 | 0.04 | 0.03 | 0.03 | 0.07 | 0.06 | 0.06 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Max. 24-Hr. Concentration | 0.00 | 0.01 | 0.01 | 0.00 | 0.02 | 0.03 | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | |

Table A-40

A portion of San Bernardino County lies within the South Coast Air Basin.

Mountain Counties Air Basin**County: Amador**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | | | 0.119 | 0.117 | 0.117 | 0.120 | 0.123 | 0.123 | 0.133 | 0.129 | 0.127 | 0.114 | 0.113 | 0.110 |
| Peak 8-Hour Indicator | | | | | | | | | 0.096 | 0.095 | 0.096 | 0.100 | 0.103 | 0.103 | 0.110 | 0.109 | 0.109 | 0.099 | 0.098 | 0.092 |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | 0.110 | 0.110 | 0.119 | 0.119 | 0.123 | 0.127 | 0.128 | 0.128 | 0.126 | 0.118 | 0.111 | 0.108 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | 0.090 | 0.089 | 0.091 | 0.091 | 0.093 | 0.090 | 0.095 | 0.096 | 0.099 | 0.091 | 0.088 | 0.085 |
| Maximum 1-Hr. Concentration | | | | | | | | | 0.120 | 0.110 | 0.123 | 0.146 | 0.127 | 0.135 | 0.143 | 0.121 | 0.121 | 0.107 | 0.118 | 0.111 |
| Max. 8-Hr. Concentration | | | | | | | | | 0.105 | 0.090 | 0.104 | 0.112 | 0.106 | 0.104 | 0.115 | 0.107 | 0.102 | 0.087 | 0.092 | 0.085 |
| Days Above State Standard | | | | | | | | | 15 | 11 | 15 | 21 | 21 | 9 | 30 | 22 | 13 | 4 | 8 | 12 |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 1 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | 11 | 5 | 15 | 18 | 14 | 3 | 28 | 13 | 14 | 2 | 7 | 2 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | 30 | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 30 | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | | | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | 2.5 | 2.2 | 2.0 | 2.0 | 1.7 | 1.5 | 1.4 | 1.5 | 1.6 | 1.5 | 1.4 | 1.3 |
| Max. 1-Hr. Concentration | | | | | | | | | 3.0 | 3.0 | 9.3 | 9.3 | 2.2 | 2.8 | 2.5 | 2.2 | 5.0 | 3.5 | 3.0 | 2.2 |
| Max. 8-Hr. Concentration | | | | | | | | | 2.4 | 3.0 | 1.8 | 2.6 | 1.5 | 1.4 | 1.4 | 1.5 | 1.3 | 1.4 | 1.2 | 1.2 |
| Days Above State 8-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mountain Counties Air Basin

County: Calaveras

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | | | | | 0.121 | 0.118 | 0.123 | 0.124 | 0.128 | 0.123 | 0.124 | 0.116 | 0.116 | 0.116 |
| Peak 8-Hour Indicator | | | | | | | | | | | 0.105 | 0.102 | 0.105 | 0.105 | 0.111 | 0.109 | 0.109 | 0.101 | 0.100 | 0.099 |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | | | 0.114 | 0.117 | 0.129 | 0.130 | 0.130 | 0.124 | 0.124 | 0.120 | 0.117 | 0.117 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | | | 0.099 | 0.096 | 0.097 | 0.093 | 0.096 | 0.096 | 0.100 | 0.094 | 0.092 | 0.091 |
| Maximum 1-Hr. Concentration | | | | | | | | | | | 0.121 | 0.146 | 0.138 | 0.140 | 0.134 | 0.126 | 0.134 | 0.120 | 0.131 | 0.117 |
| Max. 8-Hr. Concentration | | | | | | | | | | | 0.108 | 0.107 | 0.112 | 0.112 | 0.109 | 0.106 | 0.105 | 0.090 | 0.108 | 0.097 |
| Days Above State Standard | | | | | | | | | | | 35 | 23 | 24 | 6 | 27 | 21 | 16 | 8 | 14 | 20 |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | | | 0 | 1 | 3 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | 34 | 19 | 18 | 4 | 28 | 18 | 17 | 5 | 12 | 18 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | 44 | 118 | 36 | 112 | 34 | 63 | 36 | 42 | 47 | 39 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | 44 | 118 | 36 | 112 | 35 | 65 | 35 | 44 | 44 | 40 |
| Annual Average (State) | | | | | | | | | | | 20.9 | 17.7 | | 15.6 | | 17.7 | 19.2 | 20.9 | 18.2 | |
| Annual Average (Nat) | | | | | | | | | | | 21.0 | 17.8 | 19.9 | 15.8 | 20.7 | 17.9 | 19.4 | 20.9 | 18.2 | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 33.0 | 48.0 | 31.0 | 40.0 | 20.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 33.0 | 48.0 | 31.0 | 40.0 | 20.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 28.0 | 30.0 | 18.0 | 30.0 | 19.0 |
| Annual Average (State) | | | | | | | | | | | | | | | | 11.1 | 9.0 | 8.1 | 9.9 | 8.6 |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 11.1 | 9.0 | 8.1 | 9.9 | 8.6 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | | | | | | | | | | | 0.7 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 1.1 | 1.0 | 1.0 |
| Max. 1-Hr. Concentration | | | | | | | | | | | 1.5 | 2.1 | 1.7 | 2.1 | 1.8 | 1.8 | 1.2 | 6.2 | 1.2 | 0.9 |
| Max. 8-Hr. Concentration | | | | | | | | | | | 0.7 | 1.8 | 0.9 | 1.7 | 0.9 | 0.8 | 0.9 | 4.3 | 0.8 | 0.7 |
| Days Above State 8-Hr. Std. | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

No Monitoring Data Available

Mountain Counties Air Basin**County: El Dorado**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|------|------|------|------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Peak 1-Hour Indicator | | | | | | 0.138 | | | 0.127 | 0.122 | 0.127 | 0.131 | 0.137 | 0.140 | 0.147 | 0.144 | 0.144 | 0.137 | 0.143 | 0.146 | |
| Peak 8-Hour Indicator | | | | | | 0.120 | | | 0.109 | 0.106 | 0.109 | 0.112 | 0.116 | 0.113 | 0.119 | 0.118 | 0.120 | 0.113 | 0.119 | 0.122 | |
| 4th High 1-Hr. in 3 Yrs | | | | | | 0.120 | | | 0.120 | 0.120 | 0.124 | 0.124 | 0.126 | 0.123 | 0.143 | 0.144 | 0.143 | 0.128 | 0.143 | 0.143 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | 0.103 | | | 0.098 | 0.095 | 0.097 | 0.099 | 0.103 | 0.099 | 0.103 | 0.103 | 0.107 | 0.104 | 0.106 | 0.107 | |
| Maximum 1-Hr. Concentration | | | | | | 0.130 | | | 0.120 | 0.120 | 0.130 | 0.126 | 0.136 | 0.145 | 0.163 | 0.144 | 0.128 | 0.148 | 0.156 | 0.145 | |
| Max. 8-Hr. Concentration | | | | | | 0.110 | | | 0.112 | 0.108 | 0.104 | 0.113 | 0.113 | 0.106 | 0.127 | 0.118 | 0.113 | 0.109 | 0.137 | 0.122 | |
| Days Above State Standard | | | | | | 21 | | | 29 | 10 | 26 | 32 | 41 | 19 | 32 | 39 | 37 | 42 | 50 | 37 | |
| Days Above Nat. 1-Hr. Std. | | | | | | 2 | | | 0 | 0 | 2 | 1 | 3 | 1 | 6 | 4 | 2 | 1 | 6 | 4 | |
| Days Above Nat. 8-Hr. Std. | | | | | | 24 | | | 29 | 12 | 22 | 31 | 36 | 16 | 26 | 40 | 31 | 35 | 42 | 27 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | 103 | 62 | 34 | 53 | 58 | 62 | 39 | 46 | 38 | 51 | 36 | 50 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | 56 | 59 | 89 | 103 | 62 | 34 | 53 | 58 | 62 | 41 | 49 | 38 | 52 | 37 | 51 | |
| Annual Average (State) | | | | | | | | | | 18.4 | 18.0 | 18.1 | | 17.4 | 14.3 | 17.7 | | 16.0 | 16.4 | 14.4 | |
| Annual Average (Nat) | | | | | | | | | | 18.4 | 18.0 | 18.1 | 17.0 | 17.4 | 14.9 | 18.5 | 16.5 | 16.8 | 17.3 | 15.1 | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | 6 | 0 | 6 | | 6 | 0 | 0 | | 6 | 0 | 0 | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | 21.7 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | 4.1 | 4.3 | | 1.6 | 1.3 | 1.3 | 1.2 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | |
| Max. 1-Hr. Concentration | | | | | | | 6.0 | 5.0 | | 3.0 | 2.0 | 1.7 | 1.6 | 1.3 | 1.6 | 1.7 | 1.4 | 2.7 | 1.4 | 1.9 | 1.1 |
| Max. 8-Hr. Concentration | | | | | | | 4.6 | 3.5 | | 2.4 | 1.5 | 1.0 | 1.0 | 0.9 | 0.8 | 0.9 | 0.9 | 1.0 | 0.8 | 0.8 | 0.7 |
| Days Above State 8-Hr. Std. | | | | | | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | | | | | | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mountain Counties Air Basin

County: Mariposa

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
|--|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | 0.129 | 0.124 | 0.121 | 0.116 | 0.117 | 0.117 | 0.115 | 0.114 | 0.113 | 0.108 | 0.111 | 0.114 | 0.120 | 0.118 | 0.113 | 0.108 | 0.111 | |
| Peak 8-Hour Indicator | | | | | 0.106 | 0.103 | 0.102 | 0.104 | 0.102 | 0.102 | 0.109 | 0.107 | 0.104 | 0.104 | 0.106 | 0.106 | 0.108 | 0.105 | 0.102 | 0.098 | 0.098 | |
| 4th High 1-Hr. in 3 Yrs | | | | | 0.116 | 0.119 | 0.119 | 0.113 | 0.110 | 0.110 | 0.110 | 0.110 | 0.111 | 0.109 | 0.110 | 0.111 | 0.112 | 0.112 | 0.112 | 0.106 | 0.113 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | 0.093 | 0.092 | 0.090 | 0.090 | 0.088 | 0.089 | 0.096 | 0.095 | 0.095 | 0.096 | 0.095 | 0.095 | 0.095 | 0.095 | 0.094 | 0.091 | 0.089 | 0.091 |
| Maximum 1-Hr. Concentration | | | | | 0.145 | 0.119 | 0.110 | 0.120 | 0.110 | 0.111 | 0.120 | 0.113 | 0.114 | 0.111 | 0.120 | 0.114 | 0.155 | 0.121 | 0.116 | 0.106 | 0.135 | |
| Max. 8-Hr. Concentration | | | | | 0.111 | 0.096 | 0.093 | 0.096 | 0.102 | 0.095 | 0.111 | 0.104 | 0.103 | 0.107 | 0.105 | 0.103 | 0.105 | 0.100 | 0.098 | 0.097 | 0.103 | |
| Days Above State Standard | | | | | 27 | 26 | 2 | 20 | 19 | 10 | 17 | 10 | 20 | 28 | 7 | 13 | 16 | 10 | 4 | 19 | 15 | |
| Days Above Nat. 1-Hr. Std. | | | | | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | |
| Days Above Nat. 8-Hr. Std. | | | | | 22 | 20 | 4 | 20 | 31 | 9 | 22 | 12 | 24 | 30 | 7 | 14 | 24 | 14 | 8 | 26 | 28 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | 84 | 209 | 350 | 104 | 126 | 115 | 71 | 106 | 62 | 36 | 75 | 89 | 277 | 72 | 58 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | 180 | 84 | 209 | 350 | 104 | 126 | 115 | 71 | 106 | 62 | 40 | 82 | 98 | 312 | 76 | 66 | |
| Annual Average (State) | | | | | | | | 48.4 | | | 33.9 | | | | | | | 29.6 | 25.9 | 21.0 | | |
| Annual Average (Nat) | | | | | | | | 40.9 | 47.8 | 30.9 | | 34.6 | 28.0 | | | 20.4 | 26.7 | 26.3 | 33.3 | 28.5 | 23.1 | |
| Calc Days Above State 24-Hr Std | | | | | | | | | 95 | | 87 | | | | | | | 37 | 18 | 6 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | 10 | 14 | 0 | | 0 | 0 | | 0 | 0 | 0 | 6 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | 29.0 | 54.0 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | 6.2 | | | | | | | | 2.5 | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | 4.5 | | | | | | | | 1.5 | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | 0 | | | | | | | | 0 | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | 0 | | | | | | | | 0 | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | 0.043 | 0.019 | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mountain Counties Air Basin**County: Nevada**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | 0.118 | 0.125 | 0.118 | 0.110 | 0.076 | 0.111 | 0.111 | 0.118 | 0.113 | 0.114 | 0.114 | 0.117 | 0.116 | 0.116 | 0.117 | |
| Peak 8-Hour Indicator | | | | | | 0.111 | 0.110 | 0.104 | 0.096 | 0.064 | 0.097 | 0.097 | 0.097 | 0.104 | 0.103 | 0.103 | 0.101 | 0.104 | 0.103 | 0.105 | 0.107 |
| 4th High 1-Hr. in 3 Yrs | | | | | | 0.100 | 0.110 | 0.110 | 0.110 | 0.070 | 0.100 | 0.100 | 0.110 | 0.108 | 0.111 | 0.109 | 0.115 | 0.116 | 0.117 | 0.116 | 0.116 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | 0.097 | 0.094 | 0.092 | 0.088 | 0.065 | 0.077 | 0.085 | 0.087 | 0.089 | 0.095 | 0.095 | 0.096 | 0.097 | 0.098 | 0.098 | 0.098 |
| Maximum 1-Hr. Concentration | | | | | | 0.120 | 0.150 | 0.110 | 0.110 | 0.090 | 0.110 | 0.099 | 0.111 | 0.108 | 0.119 | 0.165 | 0.130 | 0.116 | 0.127 | 0.120 | |
| Max. 8-Hr. Concentration | | | | | | 0.107 | 0.115 | 0.096 | 0.087 | 0.078 | 0.107 | 0.092 | 0.104 | 0.101 | 0.099 | 0.103 | 0.113 | 0.106 | 0.113 | 0.103 | |
| Days Above State Standard | | | | | | 12 | 8 | 7 | 2 | 0 | 8 | 3 | 22 | 10 | 16 | 20 | 21 | 21 | 24 | 23 | |
| Days Above Nat. 1-Hr. Std. | | | | | | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | |
| Days Above Nat. 8-Hr. Std. | | | | | | 11 | 9 | 7 | 5 | 0 | 9 | 4 | 29 | 17 | 25 | 33 | 28 | 23 | 28 | 23 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | 30 | 34 | | 44 | 81 | | | | 49 | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | 38 | | 44 | 43 | 34 | | 49 | 136 | 92 | 84 | 57 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | 28.3 | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | 22.3 | | | | 28.4 | 14.4 | 25.3 | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | 41 | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | 0 | | | | 0 | 0 | 0 | | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 50.0 | 27.0 | 120.0 | 23.0 | 21.0 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 50.0 | 27.0 | 120.0 | 23.0 | 21.0 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 23.0 | 26.0 | 16.0 | 20.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 7.2 | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 8.8 | 9.4 | 7.5 | 7.2 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | 1.0 | 0.0 | 10.0 | 9.0 | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | 0.1 | 0.0 | 5.4 | 5.4 | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | 0 | 0 | 0 | 0 | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | 0 | 0 | 0 | 0 | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mountain Counties Air Basin

County: Placer

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | 0.155 | 0.134 | 0.134 | 0.109 | 0.120 | 0.119 | 0.118 | 0.119 | 0.116 | 0.111 | 0.106 | 0.111 | 0.114 | 0.113 | 0.129 | 0.123 |
| Peak 8-Hour Indicator | | | | | 0.122 | 0.114 | 0.114 | 0.108 | 0.101 | 0.099 | 0.100 | 0.102 | 0.102 | 0.097 | 0.095 | 0.095 | 0.096 | 0.094 | 0.114 | 0.105 |
| 4th High 1-Hr. in 3 Yrs | | | | | 0.140 | 0.140 | 0.140 | 0.100 | 0.110 | 0.110 | 0.120 | 0.119 | 0.117 | 0.109 | 0.103 | 0.105 | 0.105 | 0.104 | 0.116 | 0.118 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | 0.108 | 0.102 | 0.089 | 0.063 | 0.092 | 0.092 | 0.092 | 0.092 | 0.091 | 0.086 | 0.086 | 0.086 | 0.079 | 0.073 | 0.077 | 0.088 |
| Maximum 1-Hr. Concentration | | | | | 0.160 | 0.120 | 0.090 | 0.060 | 0.130 | 0.120 | 0.122 | 0.130 | 0.108 | 0.103 | 0.132 | 0.159 | 0.070 | 0.095 | 0.142 | 0.121 |
| Max. 8-Hr. Concentration | | | | | 0.138 | 0.101 | 0.078 | 0.035 | 0.098 | 0.097 | 0.107 | 0.100 | 0.091 | 0.097 | 0.108 | 0.093 | 0.058 | 0.088 | 0.113 | 0.097 |
| Days Above State Standard | | | | | 39 | 24 | 0 | 0 | 17 | 9 | 15 | 16 | 4 | 2 | 11 | 9 | 0 | 2 | 17 | 13 |
| Days Above Nat. 1-Hr. Std. | | | | | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | 35 | 22 | 0 | 0 | 12 | 4 | 12 | 11 | 5 | 2 | 8 | 9 | 0 | 2 | 18 | 12 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | 86 | 60 | 74 | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | 86 | 60 | 74 | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | 21.8 | 21.9 | | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | 0 | 0 | | | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

Table A-46

Portions of Placer County lie within the Lake Tahoe and Sacramento Valley Air Basins.

Mountain Counties Air Basin**County: Plumas**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|------|------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | | | 0.090 | 0.090 | | | | | | 0.087 | 0.090 | 0.094 | 0.094 | 0.096 | 0.083 | 0.084 | 0.083 | 0.084 | 0.088 | 0.088 | |
| Peak 8-Hour Indicator | | | 0.082 | 0.082 | | | | | | 0.075 | 0.081 | 0.086 | 0.087 | 0.089 | 0.076 | 0.077 | 0.076 | 0.076 | 0.078 | 0.081 | |
| 4th High 1-Hr. in 3 Yrs | | | 0.080 | 0.080 | | | | | 0.050 | 0.080 | 0.090 | 0.090 | 0.091 | 0.091 | 0.081 | 0.083 | 0.083 | 0.083 | 0.087 | 0.087 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | 0.073 | 0.071 | | | | | 0.037 | 0.053 | 0.062 | 0.077 | 0.078 | 0.065 | 0.060 | 0.060 | 0.070 | 0.069 | 0.071 | 0.069 | |
| Maximum 1-Hr. Concentration | | | 0.090 | 0.080 | | | | | 0.050 | 0.090 | 0.090 | 0.105 | 0.091 | 0.046 | 0.087 | 0.086 | 0.081 | 0.086 | 0.091 | 0.075 | |
| Max. 8-Hr. Concentration | | | 0.078 | 0.073 | | | | | 0.040 | 0.076 | 0.083 | 0.096 | 0.080 | 0.042 | 0.074 | 0.077 | 0.076 | 0.072 | 0.084 | 0.064 | |
| Days Above State Standard | | | 0 | 0 | | | | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 1-Hr. Std. | | | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | | | 0 | 0 | | | | | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 113 | 144 | 138 | 162 | 120 | 130 | 98 | 52 | 55 | 66 | 69 | 115 | 67 | 60 | 48 | 47 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 153 | 144 | 138 | 162 | 120 | 130 | 98 | 52 | 55 | 66 | 74 | 125 | 75 | 60 | 49 | 49 | |
| Annual Average (State) | | | | | | | | | | | 33.4 | 24.1 | 21.5 | | 18.5 | | 19.9 | | 18.1 | | |
| Annual Average (Nat) | | | | | | | | | | | 38.2 | 37.5 | 33.0 | 24.0 | 21.4 | 22.4 | 25.3 | 27.6 | 21.3 | 22.5 | 19.7 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | 42 | 6 | 6 | 6 | | 25 | | 0 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 92.0 | 46.0 | 58.0 | 41.0 | 47.8 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 92.0 | 46.0 | 58.0 | 41.0 | 43.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 84.0 | | 43.0 | | 40.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 15.6 | | 13.3 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | 4.5 | 4.5 | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | 6.0 | 3.0 | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | 4.2 | 2.3 | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | 0 | 0 | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | 0 | 0 | | | | | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | 0.046 | 0.046 | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | 0.050 | 0.040 | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mountain Counties Air Basin

County: Sierra

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hour Indicator | | | | | | | | | | | | | | | | | | | | |
| Peak 8-Hour Indicator | | | | | | | | | | | | | | | | | | | | |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | | |
| Maximum 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State Standard | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | 114 | 138 | | 34 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | 114 | 138 | 60 | 68 | 39 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | 32.0 | 22.6 | 25.0 | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | 0 | 0 | 0 | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Mountain Counties Air Basin**County: Tuolumne**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | 0.097 | 0.093 | 0.092 | 0.089 | 0.102 | 0.102 | 0.103 | 0.105 | 0.112 | 0.112 | 0.118 | 0.115 | 0.113 | 0.108 | 0.109 | 0.106 |
| Peak 8-Hour Indicator | | | | | 0.088 | 0.086 | 0.086 | 0.081 | 0.093 | 0.091 | 0.091 | 0.094 | 0.099 | 0.099 | 0.103 | 0.104 | 0.102 | 0.101 | 0.102 | 0.092 |
| 4th High 1-Hr. in 3 Yrs | | | | | 0.091 | 0.091 | 0.091 | 0.090 | 0.090 | 0.100 | 0.101 | 0.103 | 0.116 | 0.117 | 0.117 | 0.116 | 0.114 | 0.107 | 0.109 | 0.104 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | 0.081 | 0.078 | 0.077 | 0.075 | 0.083 | 0.085 | 0.085 | 0.087 | 0.090 | 0.088 | 0.092 | 0.092 | 0.096 | 0.092 | 0.091 | 0.085 |
| Maximum 1-Hr. Concentration | | | | | 0.096 | 0.090 | 0.090 | 0.090 | 0.100 | 0.120 | 0.107 | 0.135 | 0.121 | 0.117 | 0.122 | 0.130 | 0.109 | 0.109 | 0.132 | 0.116 |
| Max. 8-Hr. Concentration | | | | | 0.086 | 0.078 | 0.081 | 0.078 | 0.097 | 0.088 | 0.094 | 0.105 | 0.108 | 0.107 | 0.107 | 0.103 | 0.104 | 0.097 | 0.101 | 0.088 |
| Days Above State Standard | | | | | 2 | 0 | 0 | 0 | 2 | 5 | 8 | 9 | 25 | 8 | 21 | 17 | 13 | 4 | 16 | 8 |
| Days Above Nat. 1-Hr. Std. | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | 3 | 0 | 0 | 0 | 1 | 6 | 9 | 14 | 21 | 7 | 26 | 25 | 26 | 5 | 25 | 7 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| Peak 8-Hr. Indicator | | | | | | | | | | 2.9 | 2.9 | 2.8 | 2.8 | 2.7 | 2.4 | 5.1 | 5.4 | 5.7 | 2.4 | 1.6 | 1.6 |
| Max. 1-Hr. Concentration | | | | | | | | | | 4.0 | 5.0 | 4.4 | 3.9 | 4.5 | 6.6 | 6.7 | 4.1 | 3.4 | 2.8 | 3.7 | 2.5 |
| Max. 8-Hr. Concentration | | | | | | | | | | 2.6 | 3.0 | 2.7 | 3.4 | 2.6 | 1.9 | 5.5 | 3.0 | 1.6 | 1.6 | 1.5 | 1.4 |
| Days Above State 8-Hr. Std. | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

North Central Coast Air Basin

County: Monterey

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.098 | 0.098 | 0.095 | 0.095 | 0.092 | 0.098 | 0.096 | 0.095 | 0.093 | 0.091 | 0.092 | 0.094 | 0.093 | 0.090 | 0.093 | 0.084 | 0.087 | 0.082 | 0.081 | 0.083 |
| Peak 8-Hour Indicator | 0.082 | 0.083 | 0.081 | 0.082 | 0.077 | 0.084 | 0.084 | 0.080 | 0.079 | 0.079 | 0.080 | 0.080 | 0.081 | 0.079 | 0.079 | 0.068 | 0.071 | 0.069 | 0.070 | 0.072 |
| 4th High 1-Hr. in 3 Yrs | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.100 | 0.090 | 0.090 | 0.090 | 0.090 | 0.091 | 0.087 | 0.089 | 0.084 | 0.085 | 0.081 | 0.082 | 0.082 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.065 | 0.074 | 0.071 | 0.071 | 0.068 | 0.072 | 0.075 | 0.073 | 0.071 | 0.069 | 0.070 | 0.069 | 0.067 | 0.066 | 0.066 | 0.062 | 0.064 | 0.063 | 0.064 | 0.066 |
| Maximum 1-Hr. Concentration | 0.090 | 0.110 | 0.080 | 0.090 | 0.090 | 0.130 | 0.090 | 0.100 | 0.090 | 0.110 | 0.093 | 0.093 | 0.094 | 0.091 | 0.091 | 0.086 | 0.095 | 0.085 | 0.082 | 0.092 |
| Max. 8-Hr. Concentration | 0.075 | 0.087 | 0.076 | 0.077 | 0.077 | 0.095 | 0.080 | 0.078 | 0.085 | 0.083 | 0.092 | 0.077 | 0.081 | 0.076 | 0.076 | 0.072 | 0.079 | 0.079 | 0.073 | 0.081 |
| Days Above State Standard | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 51 | 54 | 56 | 46 | 41 | 86 | 50 | 50 | 50 | 91 | 54 | 94 | 77 | 72 | 60 | 90 |
| Max. 24-Hr. Concentration (Nat) | | | | | 51 | 54 | 57 | 55 | 45 | 86 | 50 | 50 | 50 | 91 | 52 | 91 | 74 | 68 | 62 | 87 |
| Annual Average (State) | | | | | | | 22.5 | | | 11.6 | 19.5 | 20.6 | 20.0 | 21.4 | | 30.3 | 31.2 | | 28.9 | 31.6 |
| Annual Average (Nat) | | | | | 23.0 | 25.4 | 22.5 | 23.4 | | 11.7 | 19.5 | 20.6 | 20.0 | 21.4 | 27.0 | 29.0 | 29.9 | 29.4 | 27.7 | 30.1 |
| Calc Days Above State 24-Hr Std | | | | | | | 6 | | | 0 | 0 | 0 | 0 | 6 | | 12 | 24 | | 25 | 41 |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 30.8 | 26.4 | 25.6 | 23.5 | 15.9 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 30.8 | 26.4 | 25.6 | 23.5 | 15.9 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 25.0 | 21.5 | 21.7 | 22.8 | 14.0 |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 9.1 | 7.3 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 9.8 | 7.9 | 8.6 | 9.1 | 7.3 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 2.6 | 2.4 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 2.0 | 2.0 | 1.6 | 1.6 | 1.5 | 1.4 |
| Max. 1-Hr. Concentration | 5.0 | 6.0 | 4.0 | 5.0 | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.6 | 3.2 | 5.5 | 4.4 | 3.8 | 3.8 | 3.5 | 3.3 | 2.3 | 2.8 |
| Max. 8-Hr. Concentration | 3.0 | 3.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.5 | 2.5 | 2.9 | 2.7 | 2.1 | 2.1 | 2.6 | 1.8 | 2.2 | 1.8 | 1.4 | 1.6 | 1.4 | 1.1 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.066 | 0.072 | 0.083 | 0.083 | 0.077 | 0.072 | 0.071 | 0.068 | 0.062 | 0.064 | 0.064 | 0.062 | 0.059 | 0.059 | 0.059 | 0.054 | 0.046 | 0.045 | 0.046 | 0.046 |
| Max. 1-Hr. Concentration | 0.060 | 0.090 | 0.110 | 0.070 | 0.070 | 0.070 | 0.060 | 0.060 | 0.070 | 0.070 | 0.067 | 0.054 | 0.060 | 0.056 | 0.085 | 0.054 | 0.071 | 0.041 | 0.049 | 0.053 |
| Max. Annual Average | 0.014 | 0.015 | 0.014 | | 0.014 | 0.014 | 0.012 | 0.011 | 0.012 | 0.012 | 0.012 | | 0.011 | 0.010 | 0.010 | | 0.007 | 0.007 | 0.007 | 0.006 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | | | | | | | | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | | |

Table A-50

North Central Coast Air Basin**County: San Benito**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.104 | 0.113 | 0.109 | 0.146 | 0.136 | 0.131 | 0.115 | 0.114 | 0.115 | 0.111 | 0.107 | 0.106 | 0.111 | 0.112 | 0.113 | 0.103 | 0.104 | 0.100 | 0.104 | 0.104 |
| Peak 8-Hour Indicator | 0.086 | 0.090 | 0.088 | 0.115 | 0.109 | 0.105 | 0.092 | 0.092 | 0.093 | 0.091 | 0.086 | 0.086 | 0.094 | 0.094 | 0.096 | 0.090 | 0.089 | 0.085 | 0.088 | 0.089 |
| 4th High 1-Hr. in 3 Yrs | 0.100 | 0.100 | 0.100 | 0.134 | 0.134 | 0.139 | 0.120 | 0.110 | 0.110 | 0.110 | 0.110 | 0.104 | 0.114 | 0.114 | 0.114 | 0.109 | 0.107 | 0.100 | 0.104 | 0.106 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.077 | 0.081 | 0.078 | 0.103 | 0.095 | 0.090 | 0.084 | 0.083 | 0.084 | 0.083 | 0.081 | 0.081 | 0.085 | 0.084 | 0.086 | 0.082 | 0.082 | 0.079 | 0.081 | 0.081 |
| Maximum 1-Hr. Concentration | 0.100 | 0.110 | 0.100 | 0.146 | 0.127 | 0.140 | 0.120 | 0.140 | 0.110 | 0.110 | 0.101 | 0.138 | 0.120 | 0.112 | 0.124 | 0.107 | 0.098 | 0.108 | 0.115 | 0.111 |
| Max. 8-Hr. Concentration | 0.083 | 0.091 | 0.083 | 0.113 | 0.096 | 0.100 | 0.095 | 0.108 | 0.090 | 0.087 | 0.084 | 0.102 | 0.101 | 0.091 | 0.097 | 0.085 | 0.084 | 0.088 | 0.094 | 0.088 |
| Days Above State Standard | 6 | 11 | 1 | 37 | 14 | 8 | 10 | 9 | 9 | 8 | 6 | 7 | 16 | 1 | 9 | 2 | 2 | 3 | 8 | 2 |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 5 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 4 | 0 | 26 | 6 | 1 | 5 | 3 | 3 | 2 | 0 | 3 | 9 | 1 | 6 | 1 | 0 | 2 | 5 | 2 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 58 | 58 | 48 | 55 | 17 | 61 | 37 | 50 | 38 | 34 | 39 | 68 | 41 | 42 | 59 | 36 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 71 | 58 | 48 | 55 | 17 | 61 | 37 | 50 | 38 | 34 | 37 | 67 | 40 | 42 | 59 | 36 | |
| Annual Average (State) | | | | | | 24.3 | | | | 18.9 | | 17.2 | 16.8 | 18.0 | | 22.6 | 16.4 | | 18.5 | 16.7 | |
| Annual Average (Nat) | | | | | | 24.4 | | | 22.6 | | 18.8 | 16.9 | 17.2 | 16.8 | 18.0 | 15.7 | 21.8 | 15.7 | 17.6 | 17.9 | 16.4 |
| Calc Days Above State 24-Hr Std | | | | | | 6 | | | | 12 | | 0 | 0 | 0 | | 13 | 0 | 7 | 0 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | | | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | 0.092 | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | 0.060 | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

North Central Coast Air Basin

County: Santa Cruz

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.089 | 0.103 | 0.096 | 0.097 | 0.094 | 0.092 | 0.084 | 0.084 | 0.082 | 0.110 | 0.102 | 0.102 | 0.098 | 0.095 | 0.096 | 0.088 | 0.089 | 0.086 | 0.087 | 0.085 | |
| Peak 8-Hour Indicator | 0.071 | 0.082 | 0.077 | 0.074 | 0.072 | 0.072 | 0.069 | 0.066 | 0.064 | 0.093 | 0.087 | 0.087 | 0.079 | 0.077 | 0.078 | 0.073 | 0.074 | 0.072 | 0.074 | 0.073 | |
| 4th High 1-Hr. in 3 Yrs | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.080 | 0.090 | 0.080 | 0.100 | 0.100 | 0.100 | 0.094 | 0.091 | 0.092 | 0.084 | 0.089 | 0.084 | 0.085 | 0.085 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.064 | 0.069 | 0.066 | 0.067 | 0.062 | 0.061 | 0.060 | 0.058 | 0.066 | 0.073 | 0.072 | 0.062 | 0.066 | 0.067 | 0.068 | 0.066 | 0.066 | 0.065 | 0.064 | 0.065 | |
| Maximum 1-Hr. Concentration | 0.080 | 0.110 | 0.090 | 0.090 | 0.080 | 0.100 | 0.100 | 0.120 | 0.090 | 0.100 | 0.094 | 0.097 | 0.107 | 0.089 | 0.107 | 0.097 | 0.096 | 0.085 | 0.086 | 0.098 | |
| Max. 8-Hr. Concentration | 0.072 | 0.088 | 0.077 | 0.073 | 0.070 | 0.087 | 0.080 | 0.082 | 0.075 | 0.086 | 0.078 | 0.070 | 0.088 | 0.071 | 0.077 | 0.072 | 0.078 | 0.073 | 0.077 | 0.074 | |
| Days Above State Standard | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 7 | 0 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 65 | 51 | 49 | 49 | 36 | 102 | 106 | 152 | 115 | 113 | 78 | 106 | 52 | 74 | 81 | 72 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 65 | 51 | 49 | 49 | 36 | 102 | 106 | 152 | 115 | 113 | 76 | 103 | 50 | 72 | 77 | 70 | |
| Annual Average (State) | | | | | | 23.8 | 24.3 | | | 21.7 | 31.1 | 36.3 | 32.8 | 36.9 | | 32.3 | 27.1 | | 28.0 | 28.6 | |
| Annual Average (Nat) | | | | | | 23.9 | 24.3 | | | 21.7 | 31.1 | 36.4 | 32.8 | 37.0 | 28.5 | 30.9 | 26.2 | 28.7 | 26.8 | 27.3 | |
| Calc Days Above State 24-Hr Std | | | | | | 0 | 0 | | | 12 | 31 | 71 | 71 | 72 | | 50 | 18 | | 24 | 31 | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 31.3 | 23.3 | 23.1 | 22.8 | 15.0 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 31.3 | 23.3 | 23.1 | 22.8 | 15.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 21.9 | 17.9 | 23.1 | 22.0 | 13.6 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 7.9 | 9.1 | 8.6 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 9.4 | 7.9 | 9.1 | 8.6 | 7.4 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | 1.5 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.8 | |
| Max. 1-Hr. Concentration | | | | | 1.0 | 2.0 | 3.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.2 | 1.4 | 3.0 | 0.9 | 1.0 | 2.0 | 1.3 | 1.9 | 1.3 | 1.6 |
| Max. 8-Hr. Concentration | | | | | 1.0 | 1.3 | 1.3 | 1.0 | 1.0 | 1.2 | 1.0 | 1.3 | 0.9 | 1.0 | 0.7 | 0.9 | 0.8 | 0.8 | 1.0 | 0.8 | 0.7 |
| Days Above State 8-Hr. Std. | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat 8-Hr. Std. | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | 0.044 | 0.048 | 0.049 | 0.050 | 0.049 | 0.047 | 0.043 | 0.051 | 0.052 | 0.050 | 0.045 | 0.041 | 0.035 | 0.036 | 0.036 | 0.035 | 0.036 |
| Max. 1-Hr. Concentration | | | | | 0.040 | 0.050 | 0.050 | 0.040 | 0.050 | 0.040 | 0.040 | 0.050 | 0.045 | 0.053 | 0.042 | 0.031 | 0.039 | 0.032 | 0.035 | 0.042 | 0.035 |
| Max. Annual Average | | | | | 0.005 | 0.008 | | | 0.006 | | 0.005 | | 0.005 | | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.03 | 0.04 | 0.05 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | |
| Max. Annual Average | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Max. 24-Hr. Concentration | | | | | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | |

Table A-52

North Coast Air Basin

County: Del Norte

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| Peak 1-Hour Indicator | | | | | 0.062 | 0.058 | 0.066 | 0.063 | 0.063 | 0.062 | 0.063 | 0.062 | | | | | | | | |
| Peak 8-Hour Indicator | | | | | 0.053 | 0.050 | 0.061 | 0.059 | 0.059 | 0.056 | 0.056 | 0.056 | 0.054 | | | | | | | |
| 4th High 1-Hr. in 3 Yrs | | | | 0.039 | 0.059 | 0.059 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | 0.060 | | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | 0.035 | 0.043 | 0.042 | 0.053 | 0.051 | 0.051 | 0.050 | 0.051 | 0.051 | 0.049 | | | | | | | |
| Maximum 1-Hr. Concentration | | | | 0.040 | 0.068 | 0.050 | 0.070 | 0.060 | 0.070 | 0.060 | 0.064 | 0.064 | 0.056 | | | | | | | |
| Max. 8-Hr. Concentration | | | | 0.038 | 0.060 | 0.042 | 0.060 | 0.051 | 0.061 | 0.053 | 0.061 | 0.052 | | | | | | | | |
| Days Above State Standard | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Days Above Nat. 1-Hr. Std. | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |

| PM10 (ug/m3) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | 41 | 42 | 58 | 50 | 42 | 46 | 48 | 39 | 37 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | 41 | 42 | 58 | 48 | 39 | 44 | 46 | 39 | 39 |
| Annual Average (State) | | | | | 46 | | | | | | | | | 20.8 | | 18.4 | 17.6 | 17.3 | | |
| Annual Average (Nat) | | | | | | | | | | | | | | 20.9 | | 17.3 | | 16.9 | 18.7 | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | 6 | | 0 | 0 | 0 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | 0 | | 0 | 0 | 0 | 0 | 0 | |

| PM2.5 (ug/m3) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | 20.8 | | 18.4 | 17.6 | 17.3 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | 20.9 | | 17.3 | | 16.9 | 18.7 |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

North Coast Air Basin

County: Humboldt

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hour Indicator | | | | | | | | 0.049 | 0.049 | | | | | | | | | | | |
| Peak 8-Hour Indicator | | | | | | | | | | 0.041 | 0.041 | | | | | | | | | |
| 4th High 1-Hr. in 3 Yrs | | | | | | | 0.030 | 0.040 | 0.040 | | | | | | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | 0.030 | 0.035 | 0.034 | | | | | | | | | | | |
| Maximum 1-Hr. Concentration | | | | | | | 0.040 | 0.050 | 0.040 | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | 0.031 | 0.042 | 0.040 | | | | | | | | | | | |
| Days Above State Standard | | | | | | | | 0 | 0 | 0 | | | | | | | | | | |
| Days Above Nat. 1-Hr. Std. | | | | | | | | 0 | 0 | 0 | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | 0 | 0 | 0 | | | | | | | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | 98 | 92 | 83 | | | 77 | 68 | 87 | 56 | 45 | 60 | 53 | 67 | 38 | 71 |
| Max. 24-Hr. Concentration (Nat) | | | | | | 98 | 92 | 83 | | | 77 | 68 | 87 | 56 | 43 | 57 | 51 | 64 | 36 | 68 |
| Annual Average (State) | | | | | | | 31.4 | 28.0 | | | 24.3 | | 19.0 | 21.0 | 15.9 | 19.9 | 21.8 | 21.3 | | |
| Annual Average (Nat) | | | | | | 36.2 | 31.4 | 28.0 | | | 24.3 | 19.9 | 18.4 | 21.2 | 14.8 | 19.2 | 20.9 | 20.8 | 18.5 | |
| Calc Days Above State 24-Hr Std | | | | | | | 35 | 29 | | | 12 | | 12 | 6 | 0 | 13 | 6 | 13 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 36.9 | 24.0 | 32.6 | 36.1 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 36.9 | 24.0 | 32.6 | 36.1 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 27.7 | 21.5 | 29.0 | 22.6 |
| Annual Average (State) | | | | | | | | | | | | | | | | | 9.1 | 9.4 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 9.1 | 9.1 | 9.4 | 7.9 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | | | | | | | | 4.6 | 4.6 | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | 10.0 | 9.0 | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | 4.5 | 3.5 | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | 0 | 0 | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | 0 | 0 | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

North Coast Air Basin**County: Mendocino**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
|--|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.076 | 0.073 | 0.074 | 0.083 | | | | | | 0.073 | 0.075 | 0.075 | 0.076 | 0.074 | 0.080 | 0.079 | 0.079 | 0.076 | 0.076 | 0.080 | | |
| Peak 8-Hour Indicator | 0.058 | 0.056 | 0.061 | 0.070 | | | | | | 0.059 | 0.061 | 0.062 | 0.062 | 0.060 | 0.063 | 0.066 | 0.065 | 0.063 | 0.063 | 0.065 | | |
| 4th High 1-Hr. in 3 Yrs | 0.070 | 0.070 | 0.070 | 0.080 | 0.080 | | | | | 0.050 | 0.060 | 0.074 | 0.080 | 0.073 | 0.069 | 0.069 | 0.073 | 0.073 | 0.073 | 0.083 | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.051 | 0.050 | 0.052 | 0.056 | 0.066 | | | | | 0.038 | 0.047 | 0.050 | 0.056 | 0.052 | 0.050 | 0.052 | 0.058 | 0.058 | 0.055 | 0.055 | | |
| Maximum 1-Hr. Concentration | 0.070 | 0.070 | 0.070 | 0.090 | 0.090 | | | | | 0.060 | 0.080 | 0.087 | 0.084 | 0.058 | 0.071 | 0.090 | 0.079 | 0.071 | 0.070 | 0.092 | | |
| Max. 8-Hr. Concentration | 0.062 | 0.056 | 0.062 | 0.076 | 0.076 | | | | | 0.043 | 0.065 | 0.061 | 0.065 | 0.049 | 0.061 | 0.071 | 0.069 | 0.059 | 0.055 | 0.072 | | |
| Days Above State Standard | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | 101 | 82 | 60 | 74 | 51 | 54 | 62 | 54 | 56 | 66 | 52 | 69 | 51 | 64 | 72 | 67 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | 101 | 82 | 60 | 74 | 51 | 54 | 62 | 54 | 56 | 66 | 50 | 66 | 49 | 61 | 74 | 65 | | |
| Annual Average (State) | | | | | 29.7 | 23.7 | 25.4 | 21.9 | 23.2 | 21.9 | 26.0 | 24.4 | 23.4 | 22.1 | | 23.5 | 25.4 | 22.9 | 22.2 | | | |
| Annual Average (Nat) | | | | | 29.9 | 23.7 | 25.3 | 21.8 | 22.6 | 22.1 | 26.1 | 24.6 | 23.4 | 21.1 | 24.3 | 22.4 | 24.1 | 22.2 | 21.4 | | | |
| Calc Days Above State 24-Hr Std | | | | | 40 | 24 | 17 | 6 | 13 | 6 | 13 | 7 | 6 | 6 | | 6 | 24 | 12 | 25 | | | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 35.6 | 22.3 | 38.3 | 59.7 | 15.6 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 35.6 | 22.3 | 38.3 | 59.7 | 15.6 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 26.3 | 27.0 | 39.7 | 15.2 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | 8.8 | | 9.1 | 7.4 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 8.8 | | 8.0 | 9.1 | 7.3 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 8-Hr. Indicator | | | | | 5.2 | 5.2 | | | | | 2.4 | | 3.2 | 3.4 | 3.3 | 3.1 | 3.6 | 3.4 | 3.3 | 2.6 | 2.3 | |
| Max. 1-Hr. Concentration | | | | | 6.0 | 8.0 | 6.0 | | 1.0 | | 1.0 | 6.0 | | 5.4 | 4.8 | 7.4 | 4.8 | 5.2 | 4.4 | 4.0 | 3.1 | 5.3 |
| Max. 8-Hr. Concentration | | | | | 4.1 | 5.5 | 3.1 | | 1.0 | | 0.6 | 2.4 | | 3.2 | 2.7 | 3.2 | 3.5 | 3.7 | 2.6 | 2.3 | 2.5 | 2.2 |
| Days Above State 8-Hr. Std. | | | | | 0 | 0 | 0 | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | | | | | 0 | 0 | 0 | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | 0.054 | 0.053 | 0.053 | 0.053 | 0.049 | 0.050 | 0.054 | 0.053 | 0.052 | 0.042 | 0.045 | |
| Max. 1-Hr. Concentration | | | | | | | | | | | 0.080 | 0.050 | 0.079 | 0.078 | 0.044 | 0.061 | 0.052 | 0.066 | 0.042 | 0.052 | 0.080 | 0.053 |
| Max. Annual Average | | | | | | | | | | | 0.008 | 0.009 | | | 0.010 | 0.010 | 0.010 | 0.011 | 0.010 | 0.010 | 0.009 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | 0.01 | 0.01 | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | 0.00 | | 0.00 | 0.00 | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | 0.01 | | 0.00 | 0.00 | | | | | | | | |

North Coast Air Basin

County: Sonoma

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | | | 0.085 | 0.088 | 0.089 | 0.090 | 0.088 | 0.091 | 0.103 | 0.109 | 0.105 | 0.093 | 0.083 | 0.082 |
| Peak 8-Hour Indicator | | | | | | | | | 0.068 | 0.072 | 0.072 | 0.074 | 0.074 | 0.079 | 0.087 | 0.092 | 0.089 | 0.078 | 0.069 | 0.068 |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | 0.080 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.110 | 0.110 | 0.110 | 0.100 | 0.080 | 0.080 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | 0.063 | 0.065 | 0.066 | 0.069 | 0.069 | 0.072 | 0.077 | 0.082 | 0.076 | 0.069 | 0.063 | 0.062 |
| Maximum 1-Hr. Concentration | | | | | | | | | 0.090 | 0.090 | 0.100 | 0.100 | 0.080 | 0.100 | 0.130 | 0.100 | 0.090 | 0.090 | 0.080 | 0.090 |
| Max. 8-Hr. Concentration | | | | | | | | | 0.072 | 0.073 | 0.080 | 0.090 | 0.071 | 0.091 | 0.106 | 0.087 | 0.077 | 0.073 | 0.068 | 0.080 |
| Days Above State Standard | | | | | | | | | 0 | 0 | 1 | 1 | 0 | 2 | 7 | 4 | 0 | 0 | 0 | 0 |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 1 | 0 | 1 | 5 | 2 | 0 | 0 | 0 | 0 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 62 | 85 | 266 | 78 | 58 | 53 | 57 | 43 | 40 | 54 | 33 | 74 | 45 | 63 | 37 | 45 |
| Max. 24-Hr. Concentration (Nat) | | | | | 86 | 85 | 266 | 78 | 58 | 53 | 57 | 43 | 40 | 54 | 32 | 71 | 44 | 59 | 36 | 45 |
| Annual Average (State) | | | | | | | 23.8 | 24.8 | | 20.7 | 18.4 | | 16.4 | 16.5 | 16.6 | 19.4 | 12.6 | | 15.6 | 15.1 |
| Annual Average (Nat) | | | | | 25.4 | 27.2 | 23.8 | 24.2 | | 20.3 | 18.4 | | 16.5 | 16.5 | 16.0 | 18.3 | 14.7 | 15.0 | 15.0 | 14.8 |
| Calc Days Above State 24-Hr Std | | | | | | | 22 | 23 | | 12 | 13 | | 0 | 5 | 0 | 18 | 0 | 0 | 0 | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | | | 0 | 0 | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

Table A-56

ARB Almanac 2005 – Appendix A: County Level Emissions and Air Quality by Air Basin

A portion of Sonoma County lies within the San Francisco Bay Area Air Basin.

North Coast Air Basin**County: Trinity**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hour Indicator

Peak 8-Hour Indicator

4th High 1-Hr. in 3 Yrs

Avg. of 4th High 8-Hr. in 3 Yrs

Maximum 1-Hr. Concentration

Max. 8-Hr. Concentration

Days Above State Standard

Days Above Nat. 1-Hr. Std.

Days Above Nat. 8-Hr. Std.

No Monitoring Data Available

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Max. 24-Hr. Concentration (State)

Max. 24-Hr. Concentration (Nat)

Annual Average (State)

Annual Average (Nat)

Calc Days Above State 24-Hr Std

Calc Days Above Nat 24-Hr Std

No Monitoring Data Available

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Max. 24-Hr. Concentration (State)

Max. 24-Hr. Concentration (Nat)

98th Percentile of 24-Hr Conc.

Annual Average (State)

Avg. of Qtrly. Means (Nat)

No Monitoring Data Available

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 8-Hr. Indicator

Max. 1-Hr. Concentration

Max. 8-Hr. Concentration

Days Above State 8-Hr. Std.

Days Above Nat. 8-Hr. Std.

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hr. Indicator

Max. 1-Hr. Concentration

Max. Annual Average

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hr. Indicator

Max. Annual Average

Max. 24-Hr. Concentration

No Monitoring Data Available

Northeast Plateau Air Basin

County: Lassen

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hour Indicator

Peak 8-Hour Indicator

4th High 1-Hr. in 3 Yrs

Avg. of 4th High 8-Hr. in 3 Yrs

Maximum 1-Hr. Concentration

Max. 8-Hr. Concentration

Days Above State Standard

Days Above Nat. 1-Hr. Std.

Days Above Nat. 8-Hr. Std.

No Monitoring Data Available

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Max. 24-Hr. Concentration (State)

Max. 24-Hr. Concentration (Nat)

Annual Average (State)

Annual Average (Nat)

Calc Days Above State 24-Hr Std

Calc Days Above Nat 24-Hr Std

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Max. 24-Hr. Concentration (State)

Max. 24-Hr. Concentration (Nat)

98th Percentile of 24-Hr Conc.

Annual Average (State)

Avg. of Qtrly. Means (Nat)

No Monitoring Data Available

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 8-Hr. Indicator

Max. 1-Hr. Concentration

Max. 8-Hr. Concentration

Days Above State 8-Hr. Std.

Days Above Nat. 8-Hr. Std.

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hr. Indicator

Max. 1-Hr. Concentration

Max. Annual Average

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hr. Indicator

Max. Annual Average

Max. 24-Hr. Concentration

No Monitoring Data Available

Northeast Plateau Air Basin**County: Modoc**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hour Indicator | | | | | | | | | | | | | | | | | | | | | |
| Peak 8-Hour Indicator | | | | | | | | | | | | | | | | | | | | | |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | | | | | | | | | | | | | | |
| Maximum 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Days Above State Standard | | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | 101 | 78 | 74 | 97 | 41 | 89 | 74 | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | 101 | 78 | 74 | 97 | 62 | 94 | 79 | 67 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | 30.3 | | 26.3 | 22.5 | 19.8 | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 40.0 | 38.0 | 35.0 | 5.0 | 10.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 40.0 | 38.0 | 35.0 | 5.0 | 10.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 27.0 | 37.0 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 8.5 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 7.9 | 8.5 | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

*No Monitoring Data Available**No Monitoring Data Available**No Monitoring Data Available*

Northeast Plateau Air Basin

County: Siskiyou

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.074 | 0.076 | 0.078 | 0.081 | 0.082 | 0.083 | 0.082 | 0.084 | 0.081 | 0.073 | 0.075 | 0.074 | 0.075 | 0.074 | 0.078 | 0.078 | 0.081 | 0.080 | 0.085 | 0.083 |
| Peak 8-Hour Indicator | 0.065 | 0.068 | 0.071 | 0.075 | 0.074 | 0.075 | 0.075 | 0.075 | 0.073 | 0.067 | 0.067 | 0.064 | 0.064 | 0.066 | 0.070 | 0.069 | 0.070 | 0.068 | 0.071 | 0.072 |
| 4th High 1-Hr. in 3 Yrs | 0.070 | 0.070 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.080 | 0.070 | 0.070 | 0.070 | 0.070 | 0.070 | 0.075 | 0.075 | 0.078 | 0.078 | 0.081 | 0.079 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.059 | 0.061 | 0.064 | 0.069 | 0.069 | 0.069 | 0.067 | 0.059 | 0.057 | 0.051 | 0.058 | 0.057 | 0.059 | 0.058 | 0.061 | 0.062 | 0.063 | 0.053 | 0.055 | 0.057 |
| Maximum 1-Hr. Concentration | 0.080 | 0.080 | 0.080 | 0.090 | 0.080 | 0.080 | 0.080 | 0.050 | 0.080 | 0.070 | 0.080 | 0.070 | 0.070 | 0.082 | 0.078 | 0.070 | 0.082 | 0.049 | 0.087 | 0.089 |
| Max. 8-Hr. Concentration | 0.066 | 0.075 | 0.070 | 0.081 | 0.071 | 0.076 | 0.076 | 0.046 | 0.073 | 0.070 | 0.068 | 0.062 | 0.063 | 0.074 | 0.071 | 0.067 | 0.071 | 0.038 | 0.075 | 0.074 |
| Days Above State Standard | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 58 | 59 | 63 | 60 | 74 | 60 | 61 | 46 | 188 | 40 | 63 | 51 | 33 | 33 | 73 | 31 |
| Max. 24-Hr. Concentration (Nat) | | | | | 92 | 59 | 63 | 60 | 74 | 60 | 61 | 46 | 188 | 40 | 66 | 56 | 53 | 41 | 86 | 33 |
| Annual Average (State) | | | | | 24.8 | | | | 23.6 | | 22.1 | 16.0 | | | | 16.8 | | | 17.5 | 12.8 |
| Annual Average (Nat) | | | | | 25.0 | 24.8 | 23.5 | | 23.6 | | 22.1 | 16.0 | 13.6 | 12.9 | 11.1 | 17.7 | 13.9 | 14.1 | 18.6 | 13.3 |
| Calc Days Above State 24-Hr Std | | | | | 29 | | | | 24 | | 0 | 0 | | | | 0 | | 6 | 0 | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | 12.0 | 4.0 | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | 10.4 | 1.8 | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | 1 | 0 | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | 1 | 0 | | | | | | | | | | | | | | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

Sacramento Valley Air Basin**County: Butte**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Peak 1-Hour Indicator | 0.086 | 0.094 | 0.097 | 0.102 | 0.103 | 0.105 | 0.103 | 0.098 | 0.094 | 0.091 | 0.096 | 0.098 | 0.095 | 0.091 | 0.091 | 0.101 | 0.103 | 0.102 | 0.103 | 0.102 | | |
| Peak 8-Hour Indicator | 0.075 | 0.085 | 0.088 | 0.089 | 0.088 | 0.090 | 0.088 | 0.083 | 0.083 | 0.082 | 0.085 | 0.086 | 0.086 | 0.080 | 0.079 | 0.087 | 0.095 | 0.094 | 0.095 | 0.096 | | |
| 4th High 1-Hr. in 3 Yrs | 0.080 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.090 | 0.090 | 0.095 | 0.097 | 0.097 | 0.091 | 0.096 | 0.103 | 0.103 | 0.099 | 0.105 | 0.102 | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.069 | 0.074 | 0.078 | 0.082 | 0.081 | 0.082 | 0.080 | 0.077 | 0.076 | 0.075 | 0.078 | 0.078 | 0.077 | 0.072 | 0.072 | 0.077 | 0.086 | 0.087 | 0.089 | 0.089 | | |
| Maximum 1-Hr. Concentration | 0.090 | 0.100 | 0.110 | 0.110 | 0.100 | 0.100 | 0.130 | 0.100 | 0.090 | 0.100 | 0.099 | 0.105 | 0.108 | 0.087 | 0.106 | 0.135 | 0.105 | 0.101 | 0.112 | 0.101 | | |
| Max. 8-Hr. Concentration | 0.075 | 0.093 | 0.087 | 0.088 | 0.092 | 0.087 | 0.095 | 0.085 | 0.077 | 0.083 | 0.091 | 0.086 | 0.084 | 0.072 | 0.090 | 0.100 | 0.095 | 0.089 | 0.101 | 0.091 | | |
| Days Above State Standard | 0 | 4 | 2 | 5 | 8 | 4 | 2 | 1 | 0 | 1 | 3 | 1 | 2 | 0 | 2 | 7 | 5 | 4 | 10 | 5 | | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 0 | 4 | 1 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 5 | 6 | 6 | 13 | 8 | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | 100 | 82 | | | | 83 | 78 | 93 | 64 | 66 | 108 | 71 | 94 | 85 | 112 | 96 | 54 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 115 | 91 | 97 | 123 | 83 | 78 | 93 | 64 | 66 | 108 | 68 | 95 | 81 | 105 | 92 | 54 | | |
| Annual Average (State) | | | | | | | | | | 28.0 | 33.3 | 27.0 | 25.2 | 25.2 | 22.8 | 31.1 | 27.9 | 29.9 | 28.8 | 21.7 | | |
| Annual Average (Nat) | | | | | | | 42.1 | 35.5 | 35.5 | 38.3 | | 27.6 | 33.3 | 26.2 | 25.5 | 24.9 | 22.3 | 30.5 | 27.6 | 29.3 | 28.2 | 21.3 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | 46 | 36 | 37 | 16 | 21 | 18 | 49 | 39 | 31 | 37 | 6 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | 69.0 | 73.0 | 98.0 | 65.0 | 96.1 | 67.0 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 69.0 | 73.0 | 98.0 | 65.0 | 84.0 | 33.0 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | 69.0 | 60.0 | 70.0 | 56.0 | 53.0 | 32.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | 17.5 | 15.8 | 15.1 | 15.9 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 17.5 | 15.8 | 13.0 | 15.1 | 10.5 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 8-Hr. Indicator | 8.6 | 8.6 | 10.1 | 10.2 | 10.7 | 10.1 | 10.4 | 9.8 | 9.8 | 8.9 | 6.2 | 5.8 | 5.9 | 5.5 | 5.3 | 4.4 | 4.5 | 4.6 | 4.1 | 3.5 | | |
| Max. 1-Hr. Concentration | 14.0 | 15.0 | 20.0 | 12.0 | 17.0 | 15.0 | 17.0 | 15.0 | 14.0 | 9.0 | 9.4 | 8.5 | 8.7 | 7.0 | 6.0 | 7.2 | 5.2 | 6.4 | 5.1 | 3.9 | | |
| Max. 8-Hr. Concentration | 10.9 | 9.8 | 10.4 | 8.6 | 12.3 | 10.0 | 10.8 | 9.2 | 6.8 | 5.8 | 5.7 | 4.8 | 6.1 | 5.1 | 4.5 | 5.4 | 4.0 | 4.3 | 3.5 | 2.5 | | |
| Days Above State 8-Hr. Std. | 1 | 2 | 3 | 0 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 1 | 2 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.080 | 0.084 | 0.083 | 0.089 | 0.090 | 0.089 | 0.081 | 0.081 | 0.082 | 0.082 | 0.078 | 0.077 | 0.074 | 0.072 | 0.068 | 0.074 | 0.077 | 0.074 | 0.061 | 0.058 | | |
| Max. 1-Hr. Concentration | 0.160 | 0.080 | 0.080 | 0.090 | 0.100 | 0.080 | 0.080 | 0.070 | 0.080 | 0.090 | 0.080 | 0.074 | 0.070 | 0.061 | 0.068 | 0.077 | 0.078 | 0.062 | 0.058 | 0.057 | | |
| Max. Annual Average | 0.014 | 0.014 | 0.015 | 0.017 | 0.016 | 0.016 | 0.015 | | 0.016 | 0.016 | 0.015 | 0.014 | 0.013 | 0.013 | 0.015 | 0.012 | 0.012 | 0.012 | 0.011 | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin

County: Colusa

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.110 | 0.111 | 0.109 | 0.112 | | | | | 0.108 | 0.107 | 0.102 | 0.102 | 0.109 | 0.101 | 0.100 | 0.095 | 0.094 | 0.094 | 0.098 | 0.097 | 0.096 |
| Peak 8-Hour Indicator | 0.092 | 0.093 | 0.091 | 0.097 | | | | | 0.091 | 0.093 | 0.091 | 0.094 | 0.094 | 0.088 | 0.086 | 0.084 | 0.082 | 0.087 | 0.085 | 0.084 | |
| 4th High 1-Hr. in 3 Yrs | 0.110 | 0.100 | 0.110 | 0.110 | | | | 0.090 | 0.100 | 0.100 | 0.100 | 0.101 | 0.102 | 0.098 | 0.099 | 0.094 | 0.094 | 0.095 | 0.095 | 0.095 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.080 | 0.082 | 0.085 | 0.085 | | | | 0.073 | 0.078 | 0.079 | 0.082 | 0.082 | 0.082 | 0.077 | 0.077 | 0.076 | 0.075 | 0.077 | 0.076 | 0.075 | |
| Maximum 1-Hr. Concentration | 0.110 | 0.110 | 0.110 | 0.120 | | | | 0.100 | 0.110 | 0.100 | 0.107 | 0.106 | 0.111 | 0.093 | 0.099 | 0.095 | 0.092 | 0.101 | 0.094 | 0.089 | |
| Max. 8-Hr. Concentration | 0.093 | 0.091 | 0.088 | 0.102 | | | | 0.084 | 0.092 | 0.085 | 0.090 | 0.090 | 0.091 | 0.081 | 0.088 | 0.085 | 0.072 | 0.088 | 0.081 | 0.071 | |
| Days Above State Standard | 12 | 7 | 12 | 28 | | | | 1 | 8 | 3 | 4 | 6 | 6 | 0 | 2 | 1 | 0 | 5 | 0 | 0 | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 5 | 4 | 5 | 21 | | | | 0 | 3 | 2 | 2 | 2 | 4 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 98 | 72 | 93 | 102 | 84 | 70 | 57 | 93 | 57 | 57 | 59 | 172 | 55 | 76 | 64 | 69 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 98 | 72 | 93 | 102 | 84 | 70 | 57 | 93 | 57 | 57 | 58 | 171 | 55 | 74 | 62 | 68 | |
| Annual Average (State) | | | | | 29.8 | 31.3 | | 29.9 | 25.0 | 28.9 | | 25.1 | 20.0 | | | | 25.2 | | | | |
| Annual Average (Nat) | | | | | 33.5 | 29.8 | 30.9 | | 28.7 | 24.5 | 28.1 | 29.9 | 26.8 | 24.6 | 19.5 | | | 24.5 | | 23.8 | |
| Calc Days Above State 24-Hr Std | | | | | 35 | 35 | | 42 | 20 | 26 | | 12 | 6 | | | | 7 | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | 37.0 | 55.0 | 28.0 | 36.0 | 57.0 | 30.0 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 37.0 | 55.0 | 28.0 | 36.0 | 57.0 | 30.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 26.0 | 31.0 | | 27.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 9.6 | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 8.0 | 9.6 | | 8.0 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin**County: Glenn**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|---------------------------------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.105 | 0.107 | 0.101 | 0.108 | | | 0.102 | 0.104 | 0.101 | 0.103 | 0.101 | 0.098 | 0.098 | 0.097 | 0.094 | 0.098 | 0.096 | 0.096 | 0.092 | 0.091 | |
| Peak 8-Hour Indicator | 0.087 | 0.091 | 0.088 | 0.092 | | | 0.087 | 0.090 | 0.089 | 0.090 | 0.089 | 0.086 | 0.086 | 0.085 | 0.084 | 0.082 | 0.087 | 0.085 | 0.086 | 0.080 | 0.080 |
| 4th High 1-Hr. in 3 Yrs | 0.100 | 0.110 | 0.100 | 0.110 | | | 0.090 | 0.100 | 0.100 | 0.100 | 0.100 | 0.096 | 0.098 | 0.092 | 0.095 | 0.097 | 0.097 | 0.096 | 0.088 | 0.088 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.079 | 0.080 | 0.080 | 0.084 | | | 0.080 | 0.078 | 0.081 | 0.080 | 0.081 | 0.080 | 0.079 | 0.077 | 0.076 | 0.078 | 0.077 | 0.077 | 0.074 | 0.073 | |
| Maximum 1-Hr. Concentration | 0.100 | 0.110 | 0.100 | 0.120 | | | 0.100 | 0.100 | 0.110 | 0.100 | 0.099 | 0.103 | 0.098 | 0.096 | 0.098 | 0.101 | 0.086 | 0.094 | 0.093 | 0.090 | |
| Max. 8-Hr. Concentration | 0.088 | 0.090 | 0.083 | 0.097 | | | 0.086 | 0.082 | 0.088 | 0.083 | 0.086 | 0.087 | 0.081 | 0.080 | 0.088 | 0.093 | 0.078 | 0.084 | 0.077 | 0.079 | |
| Days Above State Standard | 1 | 5 | 2 | 9 | | | 3 | 1 | 6 | 1 | 3 | 1 | 1 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 1 | 3 | 0 | 8 | | | 1 | 0 | 4 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 93 | 73 | 63 | 81 | 111 | 75 | 80 | 88 | 75 | 72 | 55 | 88 | 65 | 68 | 80 | 61 |
| Max. 24-Hr. Concentration (Nat) | | | | | 93 | 73 | 63 | 81 | 111 | 75 | 80 | 88 | 75 | 72 | 53 | 88 | 65 | 68 | 77 | 61 |
| Annual Average (State) | | | | | 27.1 | 28.8 | 33.0 | 28.9 | 23.1 | | | 29.0 | 24.5 | 22.8 | 20.3 | | 23.4 | | 29.1 | 20.4 |
| Annual Average (Nat) | | | | | 35.1 | 27.1 | 28.0 | 32.3 | 28.4 | 23.1 | | 27.6 | 24.7 | 22.4 | | 26.1 | 22.2 | | 28.6 | 20.1 |
| Calc Days Above State 24-Hr Std | | | | | 18 | 23 | 83 | 46 | 16 | | 57 | 29 | 10 | 12 | | 6 | | 41 | 18 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin

County: Placer

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Peak 1-Hour Indicator | 0.144 | 0.153 | 0.153 | 0.149 | 0.153 | 0.148 | 0.150 | 0.138 | 0.145 | 0.138 | 0.137 | 0.135 | 0.139 | 0.134 | 0.138 | 0.129 | 0.134 | 0.124 | 0.130 | 0.128 | | | |
| Peak 8-Hour Indicator | 0.117 | 0.125 | 0.120 | 0.121 | 0.121 | 0.121 | 0.122 | 0.120 | 0.121 | 0.116 | 0.116 | 0.118 | 0.116 | 0.111 | 0.111 | 0.111 | 0.115 | 0.112 | 0.113 | 0.111 | | | |
| 4th High 1-Hr. in 3 Yrs | 0.150 | 0.160 | 0.160 | 0.150 | 0.160 | 0.150 | 0.150 | 0.140 | 0.140 | 0.140 | 0.140 | 0.134 | 0.131 | 0.131 | 0.131 | 0.132 | 0.132 | 0.127 | 0.124 | 0.124 | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.104 | 0.111 | 0.109 | 0.105 | 0.108 | 0.105 | 0.107 | 0.105 | 0.105 | 0.103 | 0.103 | 0.105 | 0.103 | 0.095 | 0.095 | 0.097 | 0.102 | 0.101 | 0.101 | 0.099 | | | |
| Maximum 1-Hr. Concentration | 0.180 | 0.180 | 0.170 | 0.180 | 0.180 | 0.120 | 0.150 | 0.130 | 0.170 | 0.150 | 0.133 | 0.148 | 0.135 | 0.113 | 0.153 | 0.142 | 0.128 | 0.128 | 0.136 | 0.133 | | | |
| Max. 8-Hr. Concentration | 0.112 | 0.127 | 0.123 | 0.121 | 0.120 | 0.097 | 0.127 | 0.115 | 0.122 | 0.120 | 0.117 | 0.119 | 0.110 | 0.096 | 0.119 | 0.113 | 0.107 | 0.107 | 0.115 | 0.111 | | | |
| Days Above State Standard | 39 | 35 | 45 | 41 | 55 | 23 | 42 | 36 | 46 | 23 | 35 | 35 | 33 | 10 | 23 | 28 | 25 | 32 | 25 | 17 | | | |
| Days Above Nat. 1-Hr. Std. | 5 | 8 | 4 | 7 | 13 | 0 | 11 | 4 | 8 | 4 | 5 | 3 | 3 | 0 | 7 | 3 | 1 | 1 | 4 | 1 | | | |
| Days Above Nat. 8-Hr. Std. | 28 | 25 | 36 | 37 | 43 | 13 | 41 | 29 | 34 | 17 | 27 | 21 | 26 | 4 | 20 | 27 | 19 | 26 | 16 | 12 | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | 55 | 48 | 52 | 65 | 84 | 98 | 66 | 75 | 89 | 62 | 62 | 61 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | 70 | 67 | 58 | 68 | 48 | 52 | 65 | 84 | 98 | 66 | 70 | 89 | 58 | | | |
| Annual Average (State) | | | | | | | | | | | 21.4 | 25.3 | 24.1 | 20.9 | 22.1 | 23.0 | 26.7 | 24.5 | 24.7 | 25.2 | 21.3 | | |
| Annual Average (Nat) | | | | | | | | | | | 31.4 | 28.7 | 24.3 | 25.0 | 23.4 | 23.6 | 21.8 | 22.3 | 26.1 | 23.9 | 24.2 | 24.6 | 21.0 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | 0 | 16 | 7 | 0 | 0 | 18 | 31 | 11 | 24 | 6 | 6 | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 63.0 | 79.0 | 51.0 | 49.0 | 53.0 | 30.0 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 63.0 | 79.0 | 51.0 | 49.0 | 53.0 | 30.0 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 40.0 | 43.0 | 49.0 | 40.0 | 26.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 13.4 | 12.2 | 11.9 | 13.2 | 9.9 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 13.4 | 12.2 | 11.9 | 13.2 | 9.9 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | 2.3 | 2.4 | 2.3 | 2.2 | 2.0 | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | 4.0 | 9.0 | 6.0 | 4.7 | 3.9 | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | 3.3 | 2.3 | 2.8 | 3.0 | 2.1 | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | 0.090 | 0.088 | 0.090 | 0.096 | 0.098 | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | 0.050 | 0.080 | 0.090 | 0.089 | 0.093 | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | 0.015 | 0.016 | 0.018 | 0.017 | 0.016 | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin**County: Sacramento**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Peak 1-Hour Indicator | 0.162 | 0.173 | 0.173 | 0.168 | 0.171 | 0.166 | 0.162 | 0.153 | 0.158 | 0.159 | 0.148 | 0.149 | 0.154 | 0.141 | 0.161 | 0.155 | 0.153 | 0.138 | 0.135 | 0.137 | | |
| Peak 8-Hour Indicator | 0.128 | 0.131 | 0.133 | 0.129 | 0.129 | 0.128 | 0.126 | 0.122 | 0.124 | 0.125 | 0.116 | 0.120 | 0.124 | 0.117 | 0.125 | 0.124 | 0.118 | 0.111 | 0.110 | 0.111 | | |
| 4th High 1-Hr. in 3 Yrs | 0.180 | 0.180 | 0.180 | 0.160 | 0.160 | 0.160 | 0.160 | 0.150 | 0.150 | 0.150 | 0.143 | 0.145 | 0.145 | 0.133 | 0.148 | 0.148 | 0.148 | 0.133 | 0.132 | 0.138 | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.115 | 0.118 | 0.118 | 0.114 | 0.114 | 0.114 | 0.101 | 0.100 | 0.101 | 0.110 | 0.104 | 0.106 | 0.106 | 0.097 | 0.097 | 0.101 | 0.105 | 0.099 | 0.100 | 0.100 | | |
| Maximum 1-Hr. Concentration | 0.210 | 0.200 | 0.160 | 0.170 | 0.170 | 0.170 | 0.150 | 0.190 | 0.150 | 0.150 | 0.145 | 0.156 | 0.157 | 0.143 | 0.160 | 0.160 | 0.138 | 0.142 | 0.139 | 0.140 | | |
| Max. 8-Hr. Concentration | 0.138 | 0.161 | 0.125 | 0.127 | 0.130 | 0.133 | 0.108 | 0.140 | 0.122 | 0.118 | 0.121 | 0.128 | 0.126 | 0.107 | 0.137 | 0.129 | 0.108 | 0.120 | 0.118 | | | |
| Days Above State Standard | 58 | 48 | 48 | 74 | 86 | 61 | 29 | 55 | 52 | 26 | 36 | 39 | 49 | 21 | 42 | 40 | 31 | 31 | 39 | 40 | | |
| Days Above Nat. 1-Hr. Std. | 23 | 18 | 22 | 17 | 30 | 8 | 8 | 12 | 9 | 6 | 6 | 10 | 7 | 3 | 13 | 5 | 4 | 2 | 3 | 5 | | |
| Days Above Nat. 8-Hr. Std. | 44 | 32 | 36 | 53 | 58 | 32 | 20 | 45 | 35 | 14 | 24 | 32 | 29 | 9 | 29 | 26 | 26 | 23 | 28 | 30 | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | 99 | 147 | 153 | 134 | 89 | 113 | 99 | 90 | 86 | 108 | 114 | 141 | 90 | 96 | 91 | 77 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | 99 | 139 | 153 | 134 | 89 | 110 | 99 | 90 | 86 | 108 | 104 | 141 | 86 | 89 | 85 | 75 | | |
| Annual Average (State) | | | | | | 41.9 | | | 31.2 | 29.4 | 29.1 | 28.0 | 25.6 | 23.5 | 23.3 | 29.6 | 25.9 | | 27.6 | 28.8 | | |
| Annual Average (Nat) | | | | | | 40.4 | 41.9 | 41.7 | 42.3 | 31.1 | 28.5 | 30.2 | 28.8 | 24.9 | 23.2 | 27.0 | 33.1 | 26.7 | 23.1 | 29.0 | 28.4 | |
| Calc Days Above State 24-Hr Std | | | | | | | 82 | | 34 | 43 | 23 | 42 | 24 | 12 | 18 | 49 | 36 | | 30 | 25 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 96.0 | 108.0 | 123.1 | 128.2 | 91.0 | 73.2 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 96.0 | 108.0 | 81.0 | 78.0 | 91.0 | 65.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 96.0 | 84.0 | 81.0 | 78.0 | 77.0 | 43.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 12.3 | | 12.2 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 17.0 | 12.3 | | 14.3 | 12.2 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 8-Hr. Indicator | 13.0 | 13.2 | 14.6 | 14.4 | 13.4 | 14.0 | 14.7 | 14.8 | 12.9 | 10.7 | 9.6 | 9.3 | 8.5 | 7.7 | 7.3 | 7.0 | 7.0 | 7.3 | 6.0 | 4.4 | | |
| Max. 1-Hr. Concentration | 18.0 | 17.0 | 20.0 | 15.0 | 15.0 | 18.0 | 16.0 | 15.0 | 12.0 | 12.0 | 10.8 | 9.8 | 8.7 | 9.5 | 7.9 | 7.7 | 10.0 | 6.7 | 7.8 | 8.5 | | |
| Max. 8-Hr. Concentration | 12.4 | 13.3 | 13.9 | 10.0 | 11.6 | 15.9 | 14.0 | 12.3 | 8.6 | 9.4 | 8.4 | 7.4 | 7.2 | 7.2 | 7.1 | 6.6 | 6.3 | 5.3 | 4.3 | 4.5 | | |
| Days Above State 8-Hr. Std. | 6 | 12 | 12 | 5 | 11 | 22 | 14 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 5 | 12 | 11 | 3 | 8 | 22 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.103 | 0.109 | 0.112 | 0.115 | 0.123 | 0.117 | 0.115 | 0.122 | 0.128 | 0.126 | 0.115 | 0.106 | 0.101 | 0.094 | 0.086 | 0.107 | 0.097 | 0.095 | 0.084 | 0.089 | | |
| Max. 1-Hr. Concentration | 0.100 | 0.130 | 0.120 | 0.100 | 0.180 | 0.130 | 0.160 | 0.240 | 0.190 | 0.120 | 0.111 | 0.099 | 0.145 | 0.092 | 0.101 | 0.110 | 0.085 | 0.102 | 0.090 | 0.102 | | |
| Max. Annual Average | 0.019 | 0.021 | 0.022 | 0.022 | 0.025 | 0.019 | 0.023 | 0.024 | 0.021 | 0.015 | 0.022 | 0.022 | 0.019 | 0.021 | 0.021 | 0.019 | 0.019 | 0.020 | 0.015 | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.02 | 0.03 | 0.03 | | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Max. 24-Hr. Concentration | 0.01 | 0.01 | 0.01 | | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | | |

Table A-65

Sacramento Valley Air Basin

County: Shasta

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.110 | 0.115 | 0.115 | 0.121 | 0.122 | 0.119 | 0.129 | 0.119 | 0.117 | 0.111 | 0.111 | 0.105 | 0.114 | 0.118 | 0.127 | 0.126 | 0.125 | 0.110 | 0.100 | 0.105 | |
| Peak 8-Hour Indicator | 0.097 | 0.106 | 0.102 | 0.105 | 0.106 | 0.104 | 0.107 | 0.103 | 0.102 | 0.098 | 0.100 | 0.097 | 0.102 | 0.100 | 0.111 | 0.110 | 0.110 | 0.110 | 0.097 | 0.088 | 0.092 |
| 4th High 1-Hr. in 3 Yrs | 0.100 | 0.100 | 0.110 | 0.120 | 0.120 | 0.120 | 0.110 | 0.110 | 0.110 | 0.110 | 0.110 | 0.101 | 0.110 | 0.110 | 0.120 | 0.120 | 0.120 | 0.120 | 0.111 | 0.098 | 0.107 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.082 | 0.077 | 0.080 | 0.091 | 0.088 | 0.085 | 0.093 | 0.091 | 0.090 | 0.083 | 0.084 | 0.080 | 0.087 | 0.086 | 0.095 | 0.095 | 0.095 | 0.093 | 0.082 | 0.078 | 0.080 |
| Maximum 1-Hr. Concentration | 0.100 | 0.120 | 0.120 | 0.130 | 0.120 | 0.090 | 0.130 | 0.110 | 0.110 | 0.110 | 0.113 | 0.099 | 0.110 | 0.119 | 0.140 | 0.116 | 0.102 | 0.100 | 0.098 | 0.114 | |
| Max. 8-Hr. Concentration | 0.091 | 0.105 | 0.097 | 0.108 | 0.105 | 0.083 | 0.110 | 0.095 | 0.091 | 0.088 | 0.105 | 0.084 | 0.100 | 0.107 | 0.126 | 0.098 | 0.087 | 0.084 | 0.084 | 0.096 | |
| Days Above State Standard | 2 | 10 | 8 | 25 | 5 | 0 | 13 | 12 | 10 | 1 | 7 | 3 | 16 | 8 | 40 | 23 | 3 | 1 | 4 | 9 | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 2 | 9 | 9 | 21 | 3 | 0 | 13 | 11 | 10 | 1 | 8 | 0 | 14 | 6 | 45 | 12 | 1 | 0 | 0 | 6 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 60 | 91 | 80 | 83 | 86 | 91 | 64 | 55 | 51 | 63 | 52 | 75 | 53 | 71 | 58 | 52 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 60 | 91 | 80 | 83 | 86 | 91 | 64 | 55 | 51 | 63 | 61 | 81 | 49 | 66 | 60 | 53 | |
| Annual Average (State) | | | | | | | 28.7 | | | 20.1 | 24.4 | 25.1 | 24.3 | | | | 24.3 | 24.1 | 20.8 | 21.7 | |
| Annual Average (Nat) | | | | | 26.4 | | 24.9 | 28.7 | | 20.1 | 24.4 | 25.2 | 24.3 | 22.2 | 23.5 | | 23.7 | 23.7 | 25.9 | 21.5 | |
| Calc Days Above State 24-Hr Std | | | | | | | 50 | | | 7 | 12 | 13 | 6 | | | | 6 | 6 | 6 | 12 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | 50.0 | 57.0 | 45.0 | 49.0 | 40.0 | 34.0 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 50.0 | 57.0 | 45.0 | 49.0 | 40.0 | 34.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | 55.0 | | 29.0 | 38.0 | 16.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | 12.9 | | 9.2 | 7.5 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | 12.9 | | 9.2 | 10.5 | 7.5 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | 1.1 | 1.1 | 3.1 | 3.1 | | 2.4 | 2.3 | 2.3 | 2.6 | 2.0 | 2.0 | | | | | | | | | | |
| Max. 1-Hr. Concentration | 3.0 | 2.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.5 | | | | | | | | | | |
| Max. 8-Hr. Concentration | 1.1 | 1.1 | 2.8 | 2.5 | 1.8 | 2.5 | 2.3 | 2.0 | 1.9 | 2.1 | 1.7 | | | | | | | | | | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | 0.091 | 0.093 | 0.093 | 0.090 | 0.081 | 0.069 | 0.069 | 0.069 | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | 0.020 | 0.090 | 0.100 | 0.100 | 0.080 | 0.070 | 0.070 | 0.050 | | | | | | | | | | | | |
| Max. Annual Average | | | | 0.015 | | | | 0.012 | | | | | | | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin**County: Solano**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.085 | 0.081 | 0.093 | 0.112 | 0.108 | 0.112 | 0.104 | | | | | 0.114 | 0.113 | 0.113 | 0.117 | 0.121 | 0.120 | 0.112 | 0.101 | 0.102 |
| Peak 8-Hour Indicator | 0.061 | 0.059 | 0.073 | 0.093 | 0.095 | 0.096 | 0.092 | | | | | 0.090 | 0.092 | 0.090 | 0.098 | 0.103 | 0.102 | 0.093 | 0.083 | 0.084 |
| 4th High 1-Hr. in 3 Yrs | 0.080 | 0.080 | 0.090 | 0.110 | 0.110 | 0.120 | 0.100 | | | | | 0.102 | 0.106 | 0.106 | 0.123 | 0.123 | 0.123 | 0.110 | 0.100 | 0.094 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.051 | 0.047 | 0.055 | 0.066 | 0.079 | 0.082 | 0.075 | | | | | 0.079 | 0.079 | 0.076 | 0.082 | 0.085 | 0.085 | 0.077 | 0.072 | 0.072 |
| Maximum 1-Hr. Concentration | 0.100 | 0.070 | 0.090 | 0.120 | 0.100 | 0.120 | 0.110 | | | | | 0.115 | 0.126 | 0.105 | 0.137 | 0.140 | 0.100 | 0.104 | 0.100 | 0.095 |
| Max. 8-Hr. Concentration | 0.070 | 0.052 | 0.066 | 0.102 | 0.088 | 0.101 | 0.088 | | | | | 0.090 | 0.101 | 0.083 | 0.101 | 0.106 | 0.081 | 0.081 | 0.077 | 0.081 |
| Days Above State Standard | 1 | 0 | 0 | 12 | 2 | 4 | 1 | | | | | 6 | 8 | 3 | 10 | 8 | 2 | 2 | 1 | 0 |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 8 | 2 | 1 | 1 | | | | | 3 | 2 | 0 | 7 | 8 | 0 | 0 | 0 | 0 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 81 | 109 | 96 | 98 | 70 | 53 | 76 | 62 | 45 | 74 | 62 | 68 | 50 | 82 | 66 | 42 |
| Max. 24-Hr. Concentration (Nat) | | | | | 81 | 109 | 96 | 98 | 70 | 53 | 76 | 62 | 45 | 74 | 56 | 66 | 47 | 77 | 63 | 40 |
| Annual Average (State) | | | | | | | | 24.4 | | | 21.2 | 18.9 | 17.3 | 16.1 | 17.7 | 20.5 | 19.0 | 20.8 | 19.9 | 16.0 |
| Annual Average (Nat) | | | | | | | | 24.4 | | | 21.2 | 19.0 | 17.3 | 16.1 | 17.2 | 19.8 | 18.3 | 20.2 | 19.4 | 15.7 |
| Calc Days Above State 24-Hr Std | | | | | | | | 24 | | | 18 | 13 | 0 | 6 | 6 | 18 | 0 | 12 | 6 | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | | | | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | 4.0 | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | 1.8 | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | 0 | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | 0 | | | | | | | | | | | | | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

Sacramento Valley Air Basin

County: Sutter

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.127 | 0.125 | 0.125 | 0.120 | 0.128 | 0.123 | 0.121 | 0.106 | 0.111 | 0.125 | 0.121 | 0.120 | 0.115 | 0.114 | 0.120 | 0.116 | 0.115 | 0.107 | 0.113 | 0.121 | |
| Peak 8-Hour Indicator | 0.103 | 0.104 | 0.105 | 0.102 | 0.103 | 0.103 | 0.096 | 0.091 | 0.098 | 0.109 | 0.105 | 0.107 | 0.104 | 0.102 | 0.102 | 0.100 | 0.099 | 0.097 | 0.100 | 0.104 | |
| 4th High 1-Hr. in 3 Yrs | 0.130 | 0.120 | 0.120 | 0.120 | 0.130 | 0.120 | 0.120 | 0.100 | 0.110 | 0.110 | 0.113 | 0.113 | 0.113 | 0.107 | 0.116 | 0.116 | 0.116 | 0.106 | 0.109 | 0.113 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.089 | 0.089 | 0.092 | 0.093 | 0.095 | 0.091 | 0.082 | 0.076 | 0.082 | 0.097 | 0.096 | 0.096 | 0.096 | 0.091 | 0.091 | 0.089 | 0.089 | 0.083 | 0.084 | 0.088 | |
| Maximum 1-Hr. Concentration | 0.130 | 0.120 | 0.140 | 0.140 | 0.150 | 0.100 | 0.110 | 0.110 | 0.120 | 0.140 | 0.115 | 0.126 | 0.116 | 0.105 | 0.124 | 0.115 | 0.108 | 0.116 | 0.117 | 0.117 | |
| Max. 8-Hr. Concentration | 0.101 | 0.097 | 0.103 | 0.107 | 0.103 | 0.087 | 0.083 | 0.095 | 0.108 | 0.108 | 0.100 | 0.103 | 0.102 | 0.092 | 0.102 | 0.097 | 0.092 | 0.093 | 0.103 | 0.099 | |
| Days Above State Standard | 22 | 18 | 21 | 23 | 41 | 4 | 2 | 10 | 29 | 13 | 25 | 21 | 28 | 5 | 16 | 21 | 9 | 6 | 15 | 10 | |
| Days Above Nat. 1-Hr. Std. | 1 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 14 | 10 | 12 | 16 | 32 | 2 | 0 | 2 | 13 | 9 | 18 | 17 | 28 | 3 | 14 | 11 | 5 | 3 | 11 | 6 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | 103 | 96 | 108 | 79 | 78 | 154 | 128 | 82 | 98 | 63 | 151 | 70 | 82 | 75 | 83 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | 109 | 103 | 96 | 108 | 79 | 78 | 154 | 128 | 82 | 98 | 60 | 150 | 70 | 80 | 74 | 81 |
| Annual Average (State) | | | | | | | 38.5 | 39.2 | 35.2 | 31.2 | | | 29.9 | 28.8 | 24.5 | 39.4 | | 30.5 | 31.8 | 26.4 | |
| Annual Average (Nat) | | | | | | 37.4 | | 38.5 | 38.5 | 34.3 | 30.7 | 34.5 | | 29.8 | 28.6 | 23.8 | 38.4 | 27.9 | 30.2 | 30.9 | 26.0 |
| Calc Days Above State 24-Hr Std | | | | | | | 74 | 104 | 61 | 43 | | | 27 | 22 | 30 | 62 | | 50 | 25 | 31 | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 69.0 | 58.0 | 44.0 | 56.0 | 62.0 | 32.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 69.0 | 58.0 | 44.0 | 56.0 | 62.0 | 32.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 69.0 | 53.0 | 38.0 | 54.0 | 35.0 | 29.0 |
| Annual Average (State) | | | | | | | | | | | | | | | | | 15.9 | 11.2 | 11.9 | 13.1 | 9.4 |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 10.6 | 11.9 | 9.4 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | | | 10.2 | 8.1 | 5.8 | 5.7 | 5.2 | 4.8 | 4.6 | 4.4 | 4.4 | 4.4 | 4.6 | 4.2 | 3.6 |
| Max. 1-Hr. Concentration | | | | | | | | | 12.0 | 9.0 | 10.0 | 8.8 | 7.5 | 7.7 | 6.1 | 7.3 | 7.2 | 6.1 | 17.2 | 6.4 | 4.3 |
| Max. 8-Hr. Concentration | | | | | | | | | 8.5 | 6.3 | 7.3 | 6.1 | 4.7 | 4.7 | 4.1 | 4.9 | 4.4 | 3.6 | 3.9 | 3.5 | 2.4 |
| Days Above State 8-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat 8-Hr. Std. | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | 0.108 | 0.089 | 0.088 | 0.086 | 0.083 | 0.079 | 0.077 | 0.075 | 0.081 | 0.079 | 0.082 | 0.075 | 0.078 |
| Max. 1-Hr. Concentration | | | | | | | | | 0.100 | 0.090 | 0.090 | 0.075 | 0.074 | 0.068 | 0.073 | 0.074 | 0.085 | 0.072 | 0.079 | 0.068 | 0.080 |
| Max. Annual Average | | | | | | | | | 0.017 | 0.017 | 0.016 | 0.013 | 0.012 | 0.014 | 0.013 | 0.014 | | | 0.015 | 0.014 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin**County: Tehama**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | 0.119 | 0.115 | 0.113 | 0.107 | 0.104 | 0.108 | 0.102 | 0.099 | 0.109 | 0.115 | 0.115 | 0.111 | 0.098 | 0.100 |
| Peak 8-Hour Indicator | | | | | | | 0.106 | 0.099 | 0.096 | 0.093 | 0.093 | 0.096 | 0.090 | 0.088 | 0.097 | 0.103 | 0.105 | 0.102 | 0.091 | 0.091 |
| 4th High 1-Hr. in 3 Yrs | | | | | | | 0.110 | 0.110 | 0.110 | 0.100 | 0.100 | 0.100 | 0.098 | 0.099 | 0.120 | 0.120 | 0.120 | 0.109 | 0.096 | 0.100 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | 0.095 | 0.089 | 0.089 | 0.086 | 0.086 | 0.086 | 0.084 | 0.083 | 0.086 | 0.091 | 0.091 | 0.086 | 0.083 | 0.084 |
| Maximum 1-Hr. Concentration | | | | | | | 0.120 | 0.110 | 0.100 | 0.100 | 0.100 | 0.110 | 0.108 | 0.101 | 0.120 | 0.128 | 0.096 | 0.094 | 0.109 | 0.103 |
| Max. 8-Hr. Concentration | | | | | | | 0.100 | 0.085 | 0.091 | 0.093 | 0.087 | 0.103 | 0.084 | 0.093 | 0.112 | 0.108 | 0.088 | 0.085 | 0.095 | 0.088 |
| Days Above State Standard | | | | | | | 15 | 6 | 9 | 5 | 2 | 10 | 4 | 2 | 12 | 18 | 2 | 0 | 7 | 6 |
| Days Above Nat. 1-Hr. Std. | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | 11 | 2 | 9 | 4 | 3 | 9 | 0 | 2 | 11 | 20 | 2 | 1 | 7 | 3 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 99 | 68 | 67 | 85 | 75 | 67 | 74 | 63 | 56 | 58 | 118 | 99 | 49 | 73 | 71 | 58 |
| Max. 24-Hr. Concentration (Nat) | | | | | 99 | 68 | 67 | 85 | 75 | 67 | 74 | 63 | 56 | 58 | 119 | 98 | 49 | 71 | 69 | 58 |
| Annual Average (State) | | | | | 31.4 | 29.7 | 32.4 | 29.3 | 24.9 | | | | | | | | | | | |
| Annual Average (Nat) | | | | | 42.8 | 31.4 | 29.7 | 32.5 | 29.3 | 25.0 | 30.0 | | | 22.5 | | | 23.6 | 26.2 | 30.5 | 22.6 |
| Calc Days Above State 24-Hr Std | | | | | | 42 | 24 | 67 | 30 | 18 | | | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

No Monitoring Data Available

Sacramento Valley Air Basin

County: Yolo

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.126 | 0.124 | 0.120 | 0.125 | 0.124 | 0.119 | 0.115 | 0.113 | 0.112 | 0.110 | 0.106 | 0.107 | 0.109 | 0.111 | 0.120 | 0.115 | 0.115 | 0.112 | 0.107 | 0.104 | | | |
| Peak 8-Hour Indicator | 0.098 | 0.099 | 0.099 | 0.100 | 0.102 | 0.102 | 0.098 | 0.094 | 0.096 | 0.093 | 0.091 | 0.089 | 0.092 | 0.092 | 0.098 | 0.096 | 0.096 | 0.093 | 0.091 | 0.092 | | | |
| 4th High 1-Hr. in 3 Yrs | 0.120 | 0.120 | 0.130 | 0.140 | 0.130 | 0.120 | 0.120 | 0.100 | 0.110 | 0.110 | 0.110 | 0.103 | 0.108 | 0.108 | 0.110 | 0.110 | 0.110 | 0.110 | 0.105 | 0.101 | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.084 | 0.086 | 0.086 | 0.087 | 0.087 | 0.085 | 0.080 | 0.077 | 0.086 | 0.080 | 0.079 | 0.078 | 0.082 | 0.079 | 0.087 | 0.086 | 0.085 | 0.082 | 0.083 | 0.083 | | | |
| Maximum 1-Hr. Concentration | 0.140 | 0.140 | 0.140 | 0.140 | 0.120 | 0.100 | 0.140 | 0.100 | 0.120 | 0.130 | 0.100 | 0.114 | 0.122 | 0.104 | 0.115 | 0.117 | 0.103 | 0.103 | 0.121 | 0.098 | | | |
| Max. 8-Hr. Concentration | 0.097 | 0.097 | 0.100 | 0.127 | 0.097 | 0.083 | 0.105 | 0.091 | 0.096 | 0.097 | 0.082 | 0.091 | 0.104 | 0.086 | 0.102 | 0.094 | 0.089 | 0.093 | 0.091 | 0.084 | | | |
| Days Above State Standard | 20 | 13 | 12 | 25 | 32 | 3 | 9 | 4 | 14 | 1 | 4 | 9 | 13 | 2 | 10 | 10 | 7 | 6 | 10 | 4 | | | |
| Days Above Nat. 1-Hr. Std. | 2 | 1 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Days Above Nat. 8-Hr. Std. | 11 | 6 | 4 | 13 | 12 | 0 | 6 | 1 | 7 | 1 | 0 | 4 | 4 | 1 | 5 | 6 | 2 | 2 | 5 | 0 | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | 147 | 136 | 106 | 96 | 98 | 145 | 77 | 126 | 130 | 179 | 85 | 101 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | 96 | 113 | 147 | 136 | 106 | 96 | 98 | 145 | 77 | 126 | 130 | 179 | 79 | | | |
| Annual Average (State) | | | | | | | | | | | 34.7 | 30.5 | | 29.9 | 27.5 | 27.7 | 29.9 | 33.3 | 26.6 | 28.2 | 28.0 | | |
| Annual Average (Nat) | | | | | | | | | | | 34.7 | 31.8 | 29.8 | 30.1 | 27.5 | 27.6 | 29.0 | 32.5 | 25.7 | 27.4 | 27.2 | | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | 70 | 63 | | 43 | 44 | 12 | 60 | 64 | 43 | 30 | 37 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | 0 | 0 | | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 70.0 | 46.0 | 57.0 | 69.0 | 41.7 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 70.0 | 46.0 | 57.0 | 69.0 | 31.0 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | 38.0 | 31.0 | 28.0 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 10.3 | 8.4 | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 16.3 | 10.3 | 10.7 | 8.4 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 8-Hr. Indicator | 4.2 | 3.6 | 4.3 | 4.6 | 4.6 | 4.6 | 4.9 | 5.2 | 3.8 | 3.8 | | | 1.4 | 1.7 | 1.5 | 1.4 | 1.2 | 1.2 | 1.3 | 1.1 | | | |
| Max. 1-Hr. Concentration | 9.0 | 12.0 | 13.0 | 14.0 | 9.0 | 13.0 | 12.0 | 7.0 | 7.0 | 6.0 | 10.0 | 5.3 | 2.4 | 2.8 | 2.5 | 2.4 | 2.5 | 19.1 | 1.9 | 3.3 | | | |
| Max. 8-Hr. Concentration | 4.1 | 4.9 | 6.0 | 8.4 | 4.9 | 5.4 | 5.0 | 3.5 | 3.9 | 3.4 | 6.6 | 3.1 | 1.8 | 1.8 | 1.1 | 1.4 | 1.3 | 3.4 | 1.4 | 0.8 | | | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Days Above Nat 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | 0.064 | 0.061 | 0.064 | 0.069 | 0.069 | 0.082 | 0.075 | 0.076 |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | 0.061 | 0.057 | 0.060 | 0.073 | 0.053 | 0.172 | 0.059 | 0.060 |
| Max. Annual Average | | | | | | | | | | | | | | | | 0.010 | 0.011 | 0.012 | 0.011 | 0.010 | 0.012 | 0.011 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Sacramento Valley Air Basin**County: Yuba**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hour Indicator

Peak 8-Hour Indicator

4th High 1-Hr. in 3 Yrs

Avg. of 4th High 8-Hr. in 3 Yrs

Maximum 1-Hr. Concentration

Max. 8-Hr. Concentration

Days Above State Standard

Days Above Nat. 1-Hr. Std.

Days Above Nat. 8-Hr. Std.

No Monitoring Data Available

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Max. 24-Hr. Concentration (State)

96 113 80 102

Max. 24-Hr. Concentration (Nat)

96 113 80 102

Annual Average (State)

31.1

Annual Average (Nat)

31.3

Calc Days Above State 24-Hr Std

43

Calc Days Above Nat 24-Hr Std

0

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Max. 24-Hr. Concentration (State)

Max. 24-Hr. Concentration (Nat)

98th Percentile of 24-Hr Conc.

Annual Average (State)

Avg. of Qtrly. Means (Nat)

No Monitoring Data Available

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 8-Hr. Indicator

Max. 1-Hr. Concentration

Max. 8-Hr. Concentration

Days Above State 8-Hr. Std.

Days Above Nat. 8-Hr. Std.

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hr. Indicator

Max. 1-Hr. Concentration

Max. Annual Average

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

Peak 1-Hr. Indicator

Max. Annual Average

Max. 24-Hr. Concentration

No Monitoring Data Available

Salton Sea Air Basin

County: Imperial

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| Peak 1-Hour Indicator | 0.103 | 0.122 | 0.134 | 0.092 | 0.110 | 0.110 | 0.117 | 0.108 | 0.150 | 0.156 | 0.154 | 0.163 | 0.155 | 0.156 | 0.145 | 0.147 | 0.149 | 0.152 | 0.142 | 0.130 | | | |
| Peak 8-Hour Indicator | 0.083 | 0.097 | 0.105 | 0.074 | 0.086 | 0.088 | 0.090 | 0.084 | 0.111 | 0.114 | 0.114 | 0.116 | 0.115 | 0.114 | 0.111 | 0.109 | 0.099 | 0.104 | 0.100 | 0.097 | | | |
| 4th High 1-Hr. in 3 Yrs | 0.100 | 0.120 | 0.120 | 0.090 | 0.110 | 0.110 | 0.110 | 0.120 | 0.150 | 0.150 | 0.150 | 0.180 | 0.180 | 0.160 | 0.140 | 0.142 | 0.157 | 0.166 | 0.147 | 0.142 | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.059 | 0.067 | 0.071 | 0.069 | 0.073 | 0.075 | 0.076 | 0.078 | 0.090 | 0.095 | 0.104 | 0.105 | 0.103 | 0.103 | 0.093 | 0.092 | 0.089 | 0.092 | 0.090 | 0.087 | | | |
| Maximum 1-Hr. Concentration | 0.050 | 0.130 | 0.090 | 0.090 | 0.120 | 0.110 | 0.110 | 0.180 | 0.150 | 0.210 | 0.180 | 0.232 | 0.180 | 0.160 | 0.236 | 0.171 | 0.169 | 0.167 | 0.156 | 0.144 | | | |
| Max. 8-Hr. Concentration | 0.031 | 0.102 | 0.080 | 0.081 | 0.098 | 0.088 | 0.082 | 0.135 | 0.117 | 0.128 | 0.116 | 0.116 | 0.117 | 0.120 | 0.104 | 0.110 | 0.113 | 0.112 | 0.104 | 0.097 | | | |
| Days Above State Standard | 0 | 16 | 0 | 0 | 17 | 4 | 6 | 9 | 46 | 50 | 75 | 83 | 69 | 69 | 44 | 65 | 20 | 41 | 29 | 23 | | | |
| Days Above Nat. 1-Hr. Std. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 16 | 8 | 22 | 10 | 10 | 5 | 24 | 5 | 10 | 3 | 3 | | | |
| Days Above Nat. 8-Hr. Std. | 0 | 10 | 0 | 0 | 3 | 1 | 0 | 3 | 24 | 24 | 47 | 49 | 34 | 50 | 18 | 20 | 5 | 18 | 13 | 8 | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | 368 | 676 | 258 | 243 | 103 | 175 | 258 | 229 | 359 | 532 | 181 | 238 | 279 | 634 | 361 | 848 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | 368 | 676 | 258 | 243 | 103 | 175 | 258 | 229 | 359 | 532 | 176 | 227 | 268 | 647 | 373 | 840 | | | |
| Annual Average (State) | | | | | 77.9 | 57.0 | 57.0 | 47.5 | 52.6 | | 72.0 | 73.6 | 77.7 | 66.6 | 79.0 | 84.8 | 87.1 | 80.9 | 79.7 | | | | |
| Annual Average (Nat) | | | | | 60.4 | 77.9 | 57.3 | 57.9 | 47.5 | 53.3 | 44.8 | 71.9 | 73.6 | 77.7 | 66.1 | 77.8 | 95.2 | 86.2 | 79.9 | 80.0 | | | |
| Calc Days Above State 24-Hr Std | | | | | 221 | 197 | 182 | 143 | 144 | | 218 | 244 | 294 | 227 | 289 | 313 | 312 | 305 | 284 | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | 7 | 27 | 12 | 7 | 0 | 13 | 0 | 13 | 30 | 12 | 12 | 32 | 38 | 18 | 18 | 25 | | | |
| * PM ₁₀ statistics exclude data from the Calexico - East site because data from this site do not represent widespread exposure. | | | | | | | | | | | | | | | | | | | | | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 52.5 | 84.2 | 60.2 | 142.7 | 153.6 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 52.5 | 84.2 | 60.2 | 46.5 | 65.1 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 39.5 | 56.0 | | 44.1 | 21.0 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | 15.1 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | 15.2 | 16.9 | 15.1 | 9.2 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | 30.6 | 32.0 | 27.0 | 24.0 | 23.5 | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | 13.1 | 22.9 | 22.1 | 17.8 | 14.4 | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | 10 | 17 | 11 | 15 | 12 | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | 9 | 15 | 9 | 10 | 8 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | 0.153 | 0.182 | 0.178 | 0.178 | 0.150 | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | 0.227 | 0.217 | 0.164 | 0.128 | 0.257 | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | 0.016 | 0.014 | | 0.286 | 0.192 | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | | |

Table A-72

Salton Sea Air Basin**County: Riverside**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | 0.202 | 0.204 | 0.197 | 0.185 | 0.182 | 0.180 | 0.181 | 0.175 | 0.168 | 0.159 | 0.153 | 0.153 | 0.154 | 0.152 | 0.153 | 0.143 | 0.138 | 0.130 | 0.134 | 0.135 | |
| Peak 8-Hour Indicator | 0.150 | 0.154 | 0.153 | 0.148 | 0.141 | 0.142 | 0.139 | 0.139 | 0.133 | 0.131 | 0.127 | 0.125 | 0.122 | 0.120 | 0.122 | 0.114 | 0.112 | 0.110 | 0.117 | 0.119 | |
| 4th High 1-Hr. in 3 Yrs | 0.190 | 0.190 | 0.190 | 0.180 | 0.180 | 0.180 | 0.180 | 0.180 | 0.170 | 0.170 | 0.152 | 0.158 | 0.158 | 0.152 | 0.155 | 0.143 | 0.133 | 0.128 | 0.132 | 0.133 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.134 | 0.134 | 0.135 | 0.131 | 0.130 | 0.129 | 0.126 | 0.125 | 0.121 | 0.118 | 0.113 | 0.110 | 0.111 | 0.107 | 0.107 | 0.100 | 0.099 | 0.100 | 0.105 | 0.108 | |
| Maximum 1-Hr. Concentration | 0.200 | 0.240 | 0.180 | 0.170 | 0.200 | 0.190 | 0.170 | 0.180 | 0.170 | 0.170 | 0.165 | 0.160 | 0.160 | 0.155 | 0.173 | 0.126 | 0.124 | 0.137 | 0.136 | 0.141 | |
| Max. 8-Hr. Concentration | 0.165 | 0.160 | 0.142 | 0.141 | 0.137 | 0.160 | 0.130 | 0.148 | 0.128 | 0.126 | 0.130 | 0.132 | 0.125 | 0.117 | 0.136 | 0.107 | 0.104 | 0.113 | 0.124 | 0.110 | |
| Days Above State Standard | 100 | 93 | 80 | 85 | 99 | 117 | 82 | 80 | 82 | 82 | 78 | 56 | 61 | 45 | 42 | 33 | 43 | 56 | 54 | 60 | |
| Days Above Nat. 1-Hr. Std. | 40 | 28 | 31 | 40 | 35 | 38 | 27 | 24 | 24 | 21 | 13 | 11 | 12 | 4 | 8 | 1 | 0 | 6 | 2 | 4 | |
| Days Above Nat. 8-Hr. Std. | 79 | 68 | 62 | 72 | 70 | 90 | 56 | 62 | 66 | 64 | 39 | 34 | 52 | 26 | 31 | 23 | 30 | 43 | 50 | 46 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 115 | 712 | 520 | 340 | 175 | 125 | 97 | 199 | 215 | 182 | 158 | 119 | 201 | 604 | 276 | 309 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 115 | 712 | 520 | 340 | 175 | 125 | 97 | 199 | 215 | 182 | 158 | 119 | 201 | 604 | 276 | 309 | |
| Annual Average (State) | | | | | | 44.6 | 80.3 | 69.1 | 43.8 | 46.4 | 48.3 | 52.0 | 55.2 | | 48.4 | 28.9 | 55.4 | 59.0 | 53.5 | 56.4 | |
| Annual Average (Nat) | | | | | | 47.6 | 89.9 | 80.3 | 69.3 | 43.1 | 46.5 | 48.3 | 52.3 | 55.6 | 53.9 | 48.1 | 52.7 | 55.2 | 59.5 | 53.8 | 56.7 |
| Calc Days Above State 24-Hr Std | | | | | | 104 | 254 | 230 | 115 | 151 | 136 | 162 | 189 | | 146 | 19 | 183 | 171 | 169 | 161 | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 26 | 26 | 19 | 6 | 0 | 0 | 7 | 13 | 13 | 3 | 0 | 9 | 18 | 9 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 29.6 | 28.6 | 44.7 | 42.3 | 26.8 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 29.6 | 28.6 | 44.7 | 42.3 | 26.8 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 26.2 | 33.0 | 23.3 | 24.9 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | 11.2 | | 11.9 | 11.4 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 11.2 | 12.2 | 11.9 | 11.4 | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | 2.5 | 2.5 | 2.6 | 2.6 | 2.5 | 2.4 | 2.3 | 2.3 | 2.2 | 2.1 | 1.9 | 1.7 | 1.6 | 1.5 | 1.5 | 1.6 | 1.7 | 1.7 | 1.6 | 1.4 | |
| Max. 1-Hr. Concentration | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 3.9 | 3.3 | 3.2 | 2.7 | 3.1 | 2.9 | 2.7 | 2.2 | 1.9 | 3.3 | |
| Max. 8-Hr. Concentration | 2.1 | 2.6 | 3.6 | 2.9 | 2.1 | 2.9 | 2.3 | 2.5 | 2.4 | 2.0 | 2.0 | 1.5 | 1.6 | 1.3 | 1.7 | 1.8 | 1.6 | 1.6 | 1.1 | 1.3 | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.150 | 0.124 | 0.085 | 0.083 | 0.084 | 0.089 | 0.092 | 0.091 | 0.088 | 0.088 | 0.088 | 0.088 | 0.084 | 0.082 | 0.077 | 0.075 | 0.073 | 0.071 | 0.069 | 0.070 | |
| Max. 1-Hr. Concentration | 0.090 | 0.080 | 0.080 | 0.080 | 0.110 | 0.090 | 0.090 | 0.090 | 0.090 | 0.090 | 0.080 | 0.082 | 0.080 | 0.069 | 0.070 | 0.068 | 0.064 | 0.081 | 0.068 | 0.067 | |
| Max. Annual Average | 0.014 | 0.020 | | 0.019 | 0.022 | 0.024 | 0.021 | 0.021 | | 0.019 | 0.021 | 0.021 | 0.020 | | 0.016 | 0.018 | 0.016 | 0.017 | 0.016 | 0.016 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.02 | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | 0.00 | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | 0.00 | | | | | | | | | | | | | | | | | | | | |

Table A-73

Portions of Riverside County lie within the Mojave Desert and South Coast Air Basins.

San Diego Air Basin

County: San Diego

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.197 | 0.188 | 0.179 | 0.179 | 0.179 | 0.186 | 0.180 | 0.172 | 0.164 | 0.150 | 0.147 | 0.148 | 0.142 | 0.132 | 0.134 | 0.134 | 0.132 | 0.117 | 0.117 | 0.116 |
| Peak 8-Hour Indicator | 0.142 | 0.145 | 0.140 | 0.136 | 0.130 | 0.135 | 0.139 | 0.135 | 0.129 | 0.122 | 0.118 | 0.121 | 0.117 | 0.113 | 0.114 | 0.112 | 0.112 | 0.101 | 0.103 | 0.101 |
| 4th High 1-Hr. in 3 Yrs | 0.200 | 0.210 | 0.190 | 0.180 | 0.180 | 0.190 | 0.190 | 0.170 | 0.170 | 0.154 | 0.150 | 0.146 | 0.141 | 0.138 | 0.135 | 0.135 | 0.131 | 0.118 | 0.118 | 0.118 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.126 | 0.132 | 0.125 | 0.124 | 0.121 | 0.125 | 0.129 | 0.125 | 0.118 | 0.112 | 0.109 | 0.108 | 0.104 | 0.099 | 0.102 | 0.099 | 0.100 | 0.094 | 0.095 | 0.093 |
| Maximum 1-Hr. Concentration | 0.280 | 0.220 | 0.190 | 0.290 | 0.250 | 0.250 | 0.200 | 0.210 | 0.170 | 0.187 | 0.147 | 0.162 | 0.138 | 0.136 | 0.164 | 0.124 | 0.124 | 0.141 | 0.121 | 0.125 |
| Max. 8-Hr. Concentration | 0.207 | 0.168 | 0.143 | 0.196 | 0.156 | 0.193 | 0.145 | 0.145 | 0.133 | 0.154 | 0.121 | 0.122 | 0.117 | 0.112 | 0.141 | 0.100 | 0.106 | 0.116 | 0.100 | 0.103 |
| Days Above State Standard | 146 | 148 | 131 | 127 | 160 | 159 | 139 | 106 | 97 | 90 | 79 | 96 | 51 | 43 | 54 | 27 | 24 | 29 | 15 | 23 |
| Days Above Nat. 1-Hr. Std. | 51 | 50 | 42 | 40 | 45 | 56 | 39 | 27 | 19 | 14 | 9 | 12 | 2 | 1 | 9 | 0 | 0 | 2 | 0 | 1 |
| Days Above Nat. 8-Hr. Std. | 98 | 109 | 81 | 99 | 119 | 122 | 96 | 67 | 66 | 58 | 46 | 48 | 31 | 16 | 35 | 17 | 16 | 17 | 13 | 6 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 80 | 90 | 115 | 81 | 67 | 159 | 129 | 121 | 93 | 125 | 57 | 119 | 136 | 106 | 131 | 289 |
| Max. 24-Hr. Concentration (Nat) | | | | | 81 | 90 | 115 | 81 | 67 | 159 | 129 | 121 | 93 | 125 | 89 | 121 | 139 | 107 | 130 | 280 |
| Annual Average (State) | | | | | 44.4 | 32.8 | 40.7 | 28.9 | 45.8 | 50.7 | 47.1 | 30.2 | 46.6 | 26.5 | 50.9 | 44.5 | 47.4 | 52.4 | 52.6 | |
| Annual Average (Nat) | | | | | 40.0 | 43.8 | 37.6 | 40.6 | 35.9 | 45.9 | 50.7 | 46.8 | 30.0 | 46.6 | 42.5 | 52.2 | 45.2 | 49.1 | 54.9 | 52.1 |
| Calc Days Above State 24-Hr Std | | | | | 114 | 38 | 84 | 12 | 134 | 134 | 122 | 12 | 125 | 6 | 124 | 109 | 129 | 173 | 151 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 64.3 | 66.3 | 60.0 | 53.6 | 239.2 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 64.3 | 66.3 | 60.0 | 53.6 | 239.2 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 35.7 | 32.5 | 40.8 | 36.0 | 46.9 |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 15.5 | 14.4 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 18.0 | 15.8 | 17.7 | 16.0 | 15.5 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 9.4 | 10.6 | 10.2 | 10.4 | 10.2 | 10.3 | 10.2 | 10.0 | 8.6 | 7.8 | 7.7 | 7.3 | 7.3 | 6.3 | 6.3 | 5.6 | 5.3 | 5.4 | 5.3 | 5.0 |
| Max. 1-Hr. Concentration | 16.0 | 17.0 | 16.0 | 14.0 | 17.0 | 17.0 | 18.0 | 14.0 | 14.0 | 11.4 | 11.0 | 9.9 | 12.4 | 9.3 | 10.2 | 9.9 | 9.3 | 8.5 | 8.5 | 12.7 |
| Max. 8-Hr. Concentration | 8.5 | 13.0 | 10.4 | 9.4 | 10.3 | 10.5 | 9.1 | 7.9 | 7.9 | 7.5 | 7.5 | 6.3 | 7.1 | 5.4 | 4.8 | 6.0 | 5.9 | 5.1 | 4.7 | 10.6 |
| Days Above State 8-Hr. Std. | 0 | 5 | 2 | 1 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Days Above Nat. 8-Hr. Std. | 0 | 3 | 1 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.183 | 0.193 | 0.193 | 0.203 | 0.215 | 0.233 | 0.210 | 0.189 | 0.169 | 0.155 | 0.145 | 0.129 | 0.126 | 0.116 | 0.122 | 0.117 | 0.126 | 0.122 | 0.130 | |
| Max. 1-Hr. Concentration | 0.230 | 0.210 | 0.220 | 0.260 | 0.280 | 0.230 | 0.180 | 0.160 | 0.190 | 0.130 | 0.157 | 0.140 | 0.124 | 0.142 | 0.132 | 0.172 | 0.117 | 0.148 | 0.126 | 0.148 |
| Max. Annual Average | 0.031 | 0.032 | 0.030 | 0.032 | 0.035 | 0.031 | 0.029 | 0.029 | 0.027 | 0.023 | 0.024 | 0.026 | 0.022 | 0.024 | 0.023 | 0.026 | 0.024 | 0.022 | 0.022 | 0.021 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.09 | 0.07 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.06 | 0.08 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 |
| Max. Annual Average | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max. 24-Hr. Concentration | 0.04 | 0.02 | 0.03 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 |

Table A-74

San Francisco Bay Area Air Basin**County: Alameda**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.155 | 0.157 | 0.148 | 0.141 | 0.143 | 0.138 | 0.136 | 0.129 | 0.130 | 0.126 | 0.118 | 0.135 | 0.151 | 0.149 | 0.151 | 0.144 | 0.143 | 0.122 | 0.126 | 0.129 |
| Peak 8-Hour Indicator | 0.109 | 0.114 | 0.110 | 0.106 | 0.104 | 0.106 | 0.102 | 0.098 | 0.096 | 0.094 | 0.091 | 0.103 | 0.112 | 0.110 | 0.110 | 0.107 | 0.109 | 0.092 | 0.096 | 0.098 |
| 4th High 1-Hr. in 3 Yrs | 0.160 | 0.160 | 0.150 | 0.140 | 0.140 | 0.140 | 0.130 | 0.130 | 0.120 | 0.120 | 0.120 | 0.138 | 0.138 | 0.138 | 0.138 | 0.139 | 0.139 | 0.113 | 0.124 | 0.123 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.090 | 0.096 | 0.093 | 0.089 | 0.087 | 0.089 | 0.087 | 0.084 | 0.082 | 0.081 | 0.082 | 0.087 | 0.093 | 0.090 | 0.089 | 0.086 | 0.087 | 0.078 | 0.081 | 0.084 |
| Maximum 1-Hr. Concentration | 0.150 | 0.150 | 0.140 | 0.160 | 0.150 | 0.140 | 0.130 | 0.140 | 0.130 | 0.130 | 0.129 | 0.155 | 0.138 | 0.114 | 0.146 | 0.146 | 0.152 | 0.113 | 0.160 | 0.128 |
| Max. 8-Hr. Concentration | 0.118 | 0.106 | 0.106 | 0.116 | 0.096 | 0.101 | 0.105 | 0.092 | 0.091 | 0.102 | 0.092 | 0.115 | 0.112 | 0.084 | 0.110 | 0.116 | 0.114 | 0.089 | 0.106 | 0.094 |
| Days Above State Standard | 36 | 27 | 22 | 21 | 27 | 14 | 9 | 19 | 16 | 8 | 7 | 21 | 23 | 6 | 22 | 15 | 9 | 9 | 11 | 11 |
| Days Above Nat. 1-Hr. Std. | 10 | 7 | 5 | 7 | 4 | 2 | 2 | 1 | 1 | 2 | 2 | 9 | 8 | 0 | 6 | 2 | 2 | 0 | 2 | 1 |
| Days Above Nat. 8-Hr. Std. | 15 | 12 | 5 | 11 | 8 | 5 | 4 | 2 | 3 | 4 | 3 | 12 | 10 | 0 | 10 | 5 | 2 | 3 | 6 | 4 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 69 | 108 | 137 | 155 | 99 | 84 | 97 | 52 | 71 | 65 | 66 | 90 | 74 | 114 | 66 | 37 |
| Max. 24-Hr. Concentration (Nat) | | | | | 74 | 108 | 137 | 155 | 99 | 84 | 97 | 52 | 71 | 65 | 63 | 88 | 71 | 109 | 64 | 37 |
| Annual Average (State) | | | | | 37.2 | 32.5 | 36.5 | 29.0 | 25.5 | 24.9 | 22.3 | 22.6 | 24.3 | 22.5 | 25.9 | 22.2 | | | | 18.9 |
| Annual Average (Nat) | | | | | 32.1 | 37.1 | 32.6 | 36.1 | 29.0 | 25.9 | 24.9 | 22.3 | 22.6 | 24.3 | 21.8 | 25.6 | 21.5 | 24.6 | 24.5 | 18.6 |
| Calc Days Above State 24-Hr Std | | | | | 76 | 59 | 85 | 30 | 18 | 18 | 6 | 6 | 12 | 12 | 18 | 12 | | | | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 63.1 | 56.4 | 107.5 | 84.5 | 42.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 63.1 | 56.4 | 107.5 | 61.6 | 42.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 38.3 | 54.4 | 50.5 | 24.2 | |
| Annual Average (State) | | | | | | | | | | | | | | | | 10.6 | 12.2 | 13.8 | 9.0 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 11.2 | 12.2 | 13.8 | 9.0 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 7.4 | 6.8 | 7.0 | 6.4 | 6.6 | 6.5 | 6.8 | 7.0 | 6.4 | 5.8 | 4.8 | 4.8 | 4.8 | 4.4 | 4.5 | 4.7 | 4.6 | 4.4 | 5.5 | 5.5 |
| Max. 1-Hr. Concentration | 12.0 | 10.0 | 12.0 | 10.0 | 10.0 | 10.0 | 8.0 | 9.0 | 7.0 | 7.0 | 8.7 | 5.5 | 6.9 | 7.9 | 6.3 | 6.4 | 5.4 | 5.8 | 7.7 | 6.0 |
| Max. 8-Hr. Concentration | 8.0 | 6.1 | 7.5 | 5.0 | 5.6 | 7.5 | 6.1 | 6.8 | 4.6 | 4.9 | 5.6 | 3.8 | 3.9 | 3.6 | 4.6 | 5.2 | 3.4 | 4.0 | 5.1 | 4.4 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.132 | 0.138 | 0.140 | 0.138 | 0.139 | 0.138 | 0.138 | 0.133 | 0.120 | 0.112 | 0.092 | 0.091 | 0.09 | 0.089 | 0.087 | 0.094 | 0.09 | 0.09 | 0.077 | 0.075 |
| Max. 1-Hr. Concentration | 0.130 | 0.140 | 0.140 | 0.150 | 0.140 | 0.150 | 0.130 | 0.150 | 0.110 | 0.110 | 0.097 | 0.086 | 0.088 | 0.086 | 0.098 | 0.112 | 0.081 | 0.078 | 0.08 | 0.076 |
| Max. Annual Average | 0.025 | 0.026 | 0.025 | 0.025 | 0.026 | 0.025 | 0.023 | 0.024 | 0.021 | 0.022 | 0.022 | 0.021 | 0.022 | 0.02 | 0.02 | 0.022 | 0.02 | 0.019 | 0.019 | 0.017 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | 0.02 | 0.02 | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | 0.00 | 0.01 | 0.01 | |

San Francisco Bay Area Air Basin

County: Contra Costa

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| Peak 1-Hour Indicator | 0.143 | 0.140 | 0.128 | 0.129 | 0.128 | 0.129 | 0.115 | 0.113 | 0.112 | 0.111 | 0.110 | 0.121 | 0.125 | 0.123 | 0.126 | 0.128 | 0.128 | 0.120 | 0.113 | 0.113 | | |
| Peak 8-Hour Indicator | 0.108 | 0.105 | 0.101 | 0.102 | 0.099 | 0.102 | 0.096 | 0.093 | 0.091 | 0.089 | 0.090 | 0.094 | 0.099 | 0.097 | 0.099 | 0.100 | 0.100 | 0.094 | 0.091 | 0.091 | | |
| 4th High 1-Hr. in 3 Yrs | 0.130 | 0.130 | 0.130 | 0.130 | 0.130 | 0.130 | 0.110 | 0.110 | 0.110 | 0.110 | 0.121 | 0.130 | 0.127 | 0.127 | 0.119 | 0.126 | 0.130 | 0.126 | 0.114 | 0.106 | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.091 | 0.088 | 0.088 | 0.088 | 0.086 | 0.088 | 0.086 | 0.083 | 0.081 | 0.079 | 0.079 | 0.081 | 0.085 | 0.083 | 0.083 | 0.084 | 0.084 | 0.082 | 0.078 | 0.081 | | |
| Maximum 1-Hr. Concentration | 0.160 | 0.150 | 0.120 | 0.150 | 0.140 | 0.110 | 0.120 | 0.110 | 0.110 | 0.130 | 0.121 | 0.152 | 0.137 | 0.108 | 0.147 | 0.156 | 0.138 | 0.134 | 0.111 | 0.101 | | |
| Max. 8-Hr. Concentration | 0.116 | 0.103 | 0.092 | 0.105 | 0.095 | 0.097 | 0.105 | 0.088 | 0.092 | 0.096 | 0.097 | 0.114 | 0.100 | 0.081 | 0.109 | 0.122 | 0.094 | 0.102 | 0.096 | 0.085 | | |
| Days Above State Standard | 18 | 15 | 9 | 22 | 12 | 12 | 7 | 5 | 7 | 10 | 6 | 12 | 15 | 4 | 16 | 8 | 2 | 7 | 10 | 5 | | |
| Days Above Nat. 1-Hr. Std. | 3 | 2 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 1 | 0 | 2 | 3 | 1 | 1 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 11 | 5 | 4 | 15 | 5 | 7 | 5 | 2 | 2 | 2 | 2 | 6 | 5 | 0 | 8 | 7 | 1 | 2 | 5 | 1 | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | 95 | 115 | 147 | 123 | 73 | 81 | 87 | 73 | 76 | 78 | 71 | 104 | 65 | 112 | 77 | 59 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | 95 | 115 | 147 | 123 | 73 | 81 | 87 | 73 | 76 | 78 | 67 | 101 | 62 | 106 | 73 | 58 | | |
| Annual Average (State) | | | | | 30.3 | 29.3 | 33.4 | 26.1 | 25.3 | 24.7 | 23.3 | 21.1 | 22.3 | 20.6 | 26.0 | 20.4 | | | | 20.6 | | |
| Annual Average (Nat) | | | | | 34.5 | 30.3 | 29.3 | 33.2 | 26.5 | 25.1 | 24.5 | 23.3 | 21.1 | 22.3 | 20.1 | 25.3 | 19.8 | 22.7 | 23.8 | 20.4 | | |
| Calc Days Above State 24-Hr Std | | | | | 53 | 41 | 79 | 47 | 37 | 24 | 18 | 6 | 12 | 17 | 37 | 12 | | | | 6 | | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 56.6 | 52.6 | 68.2 | 76.7 | 49.7 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 56.6 | 52.6 | 68.2 | 76.7 | 49.7 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 42.6 | 38.4 | 49.0 | 33.8 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | 9.7 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | 10.9 | 10.2 | 12.7 | 9.7 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 8-Hr. Indicator | 6.5 | 6.1 | 6.2 | 5.8 | 6.3 | 6.1 | 6.1 | 6.1 | 5.7 | 5.2 | 4.5 | 4.1 | 3.6 | 3.2 | 3.3 | 3.4 | 3.3 | 3.1 | 2.8 | 2.6 | | |
| Max. 1-Hr. Concentration | 12.0 | 11.0 | 10.0 | 12.0 | 15.0 | 12.0 | 11.0 | 9.0 | 9.0 | 9.0 | 7.7 | 6.5 | 6.8 | 5.7 | 5.7 | 7.8 | 4.9 | 5.2 | 6.2 | 3.4 | | |
| Max. 8-Hr. Concentration | 5.9 | 5.3 | 5.9 | 5.5 | 6.6 | 5.6 | 5.8 | 5.4 | 5.4 | 5.0 | 4.2 | 2.9 | 2.9 | 3.2 | 3.8 | 3.3 | 2.7 | 2.7 | 2.5 | 2.0 | | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.112 | 0.113 | 0.114 | 0.113 | 0.112 | 0.110 | 0.098 | 0.099 | 0.096 | 0.097 | 0.084 | 0.082 | 0.079 | 0.077 | 0.070 | 0.075 | 0.073 | 0.074 | 0.062 | 0.062 | | |
| Max. 1-Hr. Concentration | 0.150 | 0.110 | 0.130 | 0.130 | 0.130 | 0.110 | 0.100 | 0.120 | 0.110 | 0.100 | 0.081 | 0.087 | 0.085 | 0.076 | 0.066 | 0.087 | 0.074 | 0.065 | 0.069 | 0.070 | | |
| Max. Annual Average | 0.024 | 0.023 | 0.023 | 0.023 | 0.023 | 0.021 | 0.023 | 0.020 | 0.020 | 0.020 | 0.019 | 0.017 | 0.016 | 0.016 | 0.018 | 0.016 | 0.015 | 0.015 | 0.013 | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.07 | 0.07 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 | 0.05 | 0.06 | 0.06 | 0.05 | 0.04 | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Max. 24-Hr. Concentration | 0.05 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.03 | 0.02 | 0.02 | 0.01 | | |

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San Francisco Bay Area Air Basin**County: Marin**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.098 | 0.103 | 0.100 | 0.094 | 0.094 | 0.095 | 0.084 | 0.074 | 0.067 | 0.076 | 0.080 | 0.087 | 0.088 | 0.087 | 0.081 | 0.085 | 0.083 | 0.080 | 0.070 | 0.072 |
| Peak 8-Hour Indicator | 0.070 | 0.072 | 0.072 | 0.067 | 0.068 | 0.068 | 0.064 | 0.061 | 0.057 | 0.056 | 0.059 | 0.064 | 0.064 | 0.062 | 0.058 | 0.059 | 0.059 | 0.059 | 0.054 | 0.056 |
| 4th High 1-Hr. in 3 Yrs | 0.110 | 0.110 | 0.100 | 0.090 | 0.090 | 0.090 | 0.080 | 0.080 | 0.066 | 0.080 | 0.080 | 0.082 | 0.088 | 0.088 | 0.081 | 0.092 | 0.085 | 0.087 | 0.075 | 0.077 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.058 | 0.062 | 0.063 | 0.059 | 0.058 | 0.057 | 0.053 | 0.054 | 0.051 | 0.047 | 0.050 | 0.055 | 0.057 | 0.055 | 0.051 | 0.051 | 0.050 | 0.051 | 0.047 | 0.048 |
| Maximum 1-Hr. Concentration | 0.110 | 0.100 | 0.080 | 0.100 | 0.100 | 0.080 | 0.080 | 0.080 | 0.070 | 0.080 | 0.089 | 0.088 | 0.105 | 0.106 | 0.074 | 0.102 | 0.071 | 0.087 | 0.077 | 0.087 |
| Max. 8-Hr. Concentration | 0.083 | 0.077 | 0.060 | 0.076 | 0.076 | 0.068 | 0.062 | 0.067 | 0.055 | 0.061 | 0.061 | 0.072 | 0.081 | 0.073 | 0.058 | 0.080 | 0.058 | 0.065 | 0.056 | 0.067 |
| Days Above State Standard | 5 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 0 |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 91 | 73 | 115 | 115 | 63 | 69 | 72 | 74 | 50 | 72 | 55 | 78 | 42 | 83 | 73 | 41 |
| Max. 24-Hr. Concentration (Nat) | | | | | 91 | 73 | 115 | 115 | 63 | 69 | 72 | 74 | 50 | 72 | 52 | 76 | 40 | 79 | 70 | 39 |
| Annual Average (State) | | | | | 29.7 | 25.8 | 30.6 | 24.4 | 23.4 | 24.2 | 20.9 | 21.7 | 21.9 | 20.9 | 22.8 | | | | | 17.6 |
| Annual Average (Nat) | | | | | 29.5 | 25.7 | 30.2 | 24.4 | 23.4 | 24.2 | 20.8 | 21.7 | 21.9 | 20.1 | 22.0 | 19.5 | 20.4 | 21.4 | 17.0 | |
| Calc Days Above State 24-Hr Std | | | | | 41 | 23 | 63 | 29 | 6 | 24 | 6 | 0 | 12 | 6 | 12 | | | | | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 41.7 | 53.1 | 69.9 | 31.9 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 5.3 | 5.1 | 5.5 | 5.4 | 5.4 | 4.7 | 4.9 | 5.3 | 5.3 | 5.1 | 3.9 | 3.5 | 3.3 | 3.2 | 3.3 | 3.1 | 2.9 | 2.6 | 2.3 | 2.2 |
| Max. 1-Hr. Concentration | 14.0 | 10.0 | 10.0 | 12.0 | 10.0 | 9.0 | 8.0 | 10.0 | 8.0 | 9.0 | 6.4 | 6.1 | 7.1 | 6.0 | 5.9 | 5.6 | 4.2 | 5.2 | 4.1 | 3.8 |
| Max. 8-Hr. Concentration | 5.8 | 4.6 | 5.9 | 4.5 | 5.0 | 4.0 | 5.0 | 5.7 | 5.0 | 4.0 | 3.0 | 3.2 | 4.0 | 2.6 | 3.3 | 2.9 | 2.3 | 2.4 | 1.9 | 2.0 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.101 | 0.099 | 0.100 | 0.099 | 0.104 | 0.102 | 0.096 | 0.091 | 0.084 | 0.085 | 0.077 | 0.075 | 0.068 | 0.065 | 0.064 | 0.068 | 0.065 | 0.066 | 0.059 | 0.060 |
| Max. 1-Hr. Concentration | 0.120 | 0.090 | 0.110 | 0.130 | 0.140 | 0.100 | 0.070 | 0.090 | 0.080 | 0.080 | 0.079 | 0.060 | 0.068 | 0.067 | 0.062 | 0.087 | 0.057 | 0.061 | 0.057 | 0.066 |
| Max. Annual Average | 0.025 | 0.024 | 0.024 | 0.023 | 0.022 | 0.022 | 0.021 | 0.021 | 0.021 | 0.021 | 0.020 | 0.018 | 0.018 | 0.016 | 0.017 | 0.018 | 0.016 | 0.017 | 0.017 | 0.016 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

San Francisco Bay Area Air Basin

County: Napa

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.111 | 0.115 | 0.107 | 0.106 | 0.107 | 0.109 | 0.100 | 0.098 | 0.094 | 0.098 | 0.096 | 0.106 | 0.107 | 0.103 | 0.101 | 0.106 | 0.105 | 0.099 | 0.091 | 0.095 |
| Peak 8-Hour Indicator | 0.085 | 0.088 | 0.083 | 0.081 | 0.082 | 0.084 | 0.077 | 0.074 | 0.071 | 0.076 | 0.077 | 0.085 | 0.083 | 0.080 | 0.076 | 0.080 | 0.081 | 0.075 | 0.071 | 0.074 |
| 4th High 1-Hr. in 3 Yrs | 0.110 | 0.110 | 0.110 | 0.110 | 0.100 | 0.100 | 0.090 | 0.100 | 0.090 | 0.100 | 0.091 | 0.105 | 0.095 | 0.095 | 0.091 | 0.103 | 0.103 | 0.099 | 0.082 | 0.099 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.072 | 0.073 | 0.069 | 0.068 | 0.070 | 0.071 | 0.066 | 0.064 | 0.063 | 0.066 | 0.066 | 0.073 | 0.071 | 0.067 | 0.063 | 0.067 | 0.069 | 0.066 | 0.063 | 0.065 |
| Maximum 1-Hr. Concentration | 0.110 | 0.110 | 0.090 | 0.110 | 0.100 | 0.100 | 0.090 | 0.110 | 0.090 | 0.120 | 0.092 | 0.130 | 0.090 | 0.084 | 0.125 | 0.115 | 0.077 | 0.099 | 0.116 | 0.105 |
| Max. 8-Hr. Concentration | 0.090 | 0.085 | 0.067 | 0.080 | 0.088 | 0.085 | 0.072 | 0.075 | 0.070 | 0.083 | 0.075 | 0.096 | 0.075 | 0.071 | 0.099 | 0.090 | 0.063 | 0.078 | 0.082 | 0.083 |
| Days Above State Standard | 8 | 3 | 0 | 6 | 1 | 2 | 0 | 3 | 0 | 2 | 0 | 4 | 0 | 0 | 3 | 4 | 0 | 1 | 1 | 2 |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 109 | 97 | 117 | 100 | 74 | 70 | 86 | 69 | 39 | | | | 45 | 96 | 70 | 41 |
| Max. 24-Hr. Concentration (Nat) | | | | | 109 | 97 | 117 | 100 | 74 | 70 | 86 | 69 | 57 | 78 | 60 | 66 | 45 | 91 | 67 | 41 |
| Annual Average (State) | | | | | 31.7 | 33.7 | 33.0 | 27.1 | 25.8 | | | 20.2 | | | | | | | 21.3 | |
| Annual Average (Nat) | | | | | 31.7 | 33.5 | 33.1 | 27.1 | 25.7 | 23.6 | 20.3 | 20.2 | 18.7 | 16.9 | 18.6 | 16.3 | 24.0 | 25.4 | 20.6 | |
| Calc Days Above State 24-Hr Std | | | | | 53 | 47 | 67 | 30 | 18 | | 6 | | | | | | | | 0 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | 7.0 | 6.9 | 6.9 | 6.3 | 6.4 | 6.4 | 6.3 | 6.2 | 6.0 | 5.7 | 5.2 | 5.0 | 4.5 | 4.1 | 4.1 | 4.0 | 3.7 | 3.5 | 2.8 | 2.6 |
| Max. 1-Hr. Concentration | 11.0 | 10.0 | 11.0 | 12.0 | 11.0 | 12.0 | 10.0 | 9.0 | 8.0 | 7.0 | 7.4 | 7.6 | 5.6 | 5.7 | 5.8 | 5.5 | 4.7 | 5.7 | 4.2 | 4.7 |
| Max. 8-Hr. Concentration | 7.1 | 6.6 | 6.8 | 5.6 | 6.0 | 5.4 | 7.1 | 5.8 | 5.3 | 4.4 | 4.6 | 3.5 | 3.8 | 3.9 | 4.2 | 2.8 | 3.0 | 2.4 | 2.5 | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hr. Indicator | 0.081 | 0.080 | 0.091 | 0.093 | 0.095 | 0.090 | 0.084 | 0.087 | 0.081 | 0.082 | 0.072 | 0.071 | 0.065 | 0.063 | 0.058 | 0.066 | 0.061 | 0.064 | 0.055 | 0.058 |
| Max. 1-Hr. Concentration | 0.090 | 0.090 | 0.090 | 0.090 | 0.080 | 0.090 | 0.070 | 0.090 | 0.060 | 0.080 | 0.065 | 0.059 | 0.077 | 0.075 | 0.061 | 0.086 | 0.054 | 0.059 | 0.052 | 0.066 |
| Max. Annual Average | 0.018 | 0.017 | 0.018 | 0.018 | 0.017 | 0.017 | 0.017 | 0.017 | 0.015 | 0.015 | 0.015 | 0.014 | 0.014 | 0.012 | 0.012 | 0.014 | 0.012 | 0.013 | 0.013 | 0.012 |

No Monitoring Data Available

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

San Francisco Bay Area Air Basin**County: San Francisco**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | 0.078 | 0.080 | 0.076 | 0.073 | 0.074 | 0.075 | 0.071 | 0.063 | 0.058 | 0.060 | 0.062 | 0.065 | 0.064 | 0.067 | 0.059 | 0.059 | 0.057 | 0.060 | 0.057 | 0.062 | |
| Peak 8-Hour Indicator | 0.052 | 0.055 | 0.057 | 0.056 | 0.057 | 0.057 | 0.056 | 0.052 | 0.050 | 0.047 | 0.048 | 0.050 | 0.051 | 0.051 | 0.048 | 0.048 | 0.047 | 0.049 | 0.049 | 0.052 | |
| 4th High 1-Hr. in 3 Yrs | 0.090 | 0.090 | 0.090 | 0.070 | 0.080 | 0.080 | 0.070 | 0.070 | 0.060 | 0.060 | 0.060 | 0.080 | 0.071 | 0.071 | 0.061 | 0.067 | 0.061 | 0.063 | 0.059 | 0.061 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.044 | 0.048 | 0.048 | 0.037 | 0.052 | 0.051 | 0.049 | 0.045 | 0.043 | 0.042 | 0.042 | 0.044 | 0.046 | 0.045 | 0.043 | 0.044 | 0.044 | 0.046 | 0.044 | 0.047 | |
| Maximum 1-Hr. Concentration | 0.100 | 0.090 | 0.070 | 0.090 | 0.090 | 0.080 | 0.060 | 0.050 | 0.080 | 0.080 | 0.055 | 0.088 | 0.071 | 0.068 | 0.053 | 0.079 | 0.058 | 0.082 | 0.054 | 0.085 | |
| Max. 8-Hr. Concentration | 0.067 | 0.065 | 0.056 | 0.070 | 0.070 | 0.063 | 0.051 | 0.047 | 0.052 | 0.052 | 0.045 | 0.067 | 0.050 | 0.059 | 0.046 | 0.057 | 0.043 | 0.054 | 0.049 | 0.059 | |
| Days Above State Standard | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 117 | 101 | 165 | 109 | 81 | 69 | 93 | 50 | 71 | 81 | 56 | 82 | 67 | 70 | 79 | 52 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 117 | 101 | 165 | 109 | 81 | 69 | 93 | 50 | 71 | 81 | 52 | 78 | 63 | 67 | 74 | 51 | |
| Annual Average (State) | | | | | 35.8 | 33.6 | 34.9 | | 28.8 | 28.2 | 24.8 | 24.3 | 24.9 | 22.9 | 27.5 | 25.1 | | | | 22.7 | |
| Annual Average (Nat) | | | | | 35.9 | 33.8 | 35.2 | 31.7 | 28.8 | 28.0 | 24.8 | 24.3 | 24.9 | 21.7 | 26.4 | 24.0 | 25.9 | 24.7 | 21.8 | | |
| Calc Days Above State 24-Hr Std | | | | | 75 | 70 | 91 | | 30 | 36 | 0 | 12 | 18 | 6 | 37 | 12 | | | | 6 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 71.2 | 47.9 | 76.6 | 70.2 | 41.6 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 71.2 | 47.9 | 76.6 | 70.2 | 41.6 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | 51.3 | 57.5 | 33.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | 13.1 | 10.1 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | 11.5 | 13.1 | 10.1 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | 8.4 | 8.8 | 9.1 | 8.6 | 8.3 | 7.7 | 7.8 | 7.2 | 6.7 | 6.4 | 5.8 | 5.6 | 4.7 | 4.5 | 4.2 | 4.2 | 3.8 | 3.7 | 2.9 | 2.8 | |
| Max. 1-Hr. Concentration | 15.0 | 21.0 | 20.0 | 17.0 | 15.0 | 14.0 | 12.0 | 14.0 | 10.0 | 10.0 | 7.5 | 8.5 | 8.6 | 8.0 | 7.1 | 8.6 | 5.5 | 5.2 | 6.8 | 8.6 | |
| Max. 8-Hr. Concentration | 10.8 | 15.0 | 12.6 | 10.0 | 12.8 | 9.0 | 6.9 | 8.4 | 7.4 | 6.9 | 5.3 | 5.3 | 5.6 | 5.7 | 4.0 | 4.6 | 3.2 | 3.3 | 2.6 | 3.6 | |
| Days Above State 8-Hr. Std. | 1 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 1 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.131 | 0.141 | 0.143 | 0.112 | 0.116 | 0.122 | 0.120 | 0.112 | 0.108 | 0.099 | 0.092 | 0.089 | 0.088 | 0.083 | 0.076 | 0.083 | 0.084 | 0.083 | 0.074 | 0.074 | |
| Max. 1-Hr. Concentration | 0.140 | 0.180 | 0.110 | 0.150 | 0.120 | 0.140 | 0.110 | 0.100 | 0.090 | 0.080 | 0.091 | 0.088 | 0.081 | 0.067 | 0.080 | 0.103 | 0.074 | 0.073 | 0.075 | 0.072 | |
| Max. Annual Average | 0.029 | 0.024 | 0.024 | 0.026 | | | | 0.024 | 0.022 | 0.024 | 0.022 | 0.021 | 0.021 | 0.020 | 0.020 | 0.021 | 0.020 | 0.019 | 0.019 | 0.018 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.07 | 0.07 | 0.08 | | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | |
| Max. Annual Average | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Max. 24-Hr. Concentration | 0.04 | 0.03 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |

Table A-79

San Francisco Bay Area Air Basin

County: San Mateo

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.115 | 0.121 | 0.104 | 0.099 | 0.097 | 0.098 | 0.089 | 0.078 | 0.071 | 0.076 | 0.075 | 0.091 | 0.098 | 0.100 | 0.078 | 0.071 | 0.071 | 0.074 | 0.079 | 0.084 |
| Peak 8-Hour Indicator | 0.073 | 0.075 | 0.069 | 0.066 | 0.069 | 0.071 | 0.067 | 0.061 | 0.055 | 0.056 | 0.055 | 0.065 | 0.067 | 0.068 | 0.058 | 0.054 | 0.052 | 0.055 | 0.057 | 0.064 |
| 4th High 1-Hr. in 3 Yrs | 0.110 | 0.110 | 0.110 | 0.110 | 0.100 | 0.100 | 0.090 | 0.080 | 0.070 | 0.080 | 0.084 | 0.103 | 0.103 | 0.103 | 0.090 | 0.079 | 0.080 | 0.081 | 0.081 | 0.090 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.063 | 0.068 | 0.061 | 0.060 | 0.060 | 0.065 | 0.058 | 0.053 | 0.049 | 0.050 | 0.049 | 0.058 | 0.061 | 0.062 | 0.053 | 0.049 | 0.047 | 0.049 | 0.052 | 0.058 |
| Maximum 1-Hr. Concentration | 0.110 | 0.130 | 0.100 | 0.120 | 0.100 | 0.100 | 0.080 | 0.080 | 0.090 | 0.100 | 0.084 | 0.140 | 0.097 | 0.090 | 0.066 | 0.082 | 0.083 | 0.105 | 0.090 | 0.113 |
| Max. 8-Hr. Concentration | 0.080 | 0.077 | 0.071 | 0.074 | 0.076 | 0.072 | 0.050 | 0.056 | 0.065 | 0.076 | 0.066 | 0.099 | 0.067 | 0.073 | 0.053 | 0.063 | 0.063 | 0.067 | 0.063 | 0.078 |
| Days Above State Standard | 9 | 5 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Days Above Nat. 1-Hr. Std. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 94 | 90 | 137 | 90 | 80 | 76 | 76 | 48 | 48 | 70 | 56 | 95 | 61 | 68 | 56 | 38 |
| Max. 24-Hr. Concentration (Nat) | | | | | 94 | 90 | 137 | 90 | 80 | 76 | 76 | 48 | 48 | 70 | 49 | 85 | 53 | 65 | 53 | 37 |
| Annual Average (State) | | | | | 33.1 | 27.9 | 32.1 | 28.5 | 26.5 | 24.8 | 21.0 | 21.0 | 23.9 | 24.5 | 28.3 | 24.0 | | | | 19.8 |
| Annual Average (Nat) | | | | | 33.0 | 28.3 | 32.1 | 28.5 | 26.5 | 24.9 | 21.0 | 21.1 | 23.9 | 22.4 | 24.6 | 21.2 | 22.5 | 22.1 | 19.3 | |
| Calc Days Above State 24-Hr Std | | | | | 59 | 47 | 73 | 41 | 31 | 36 | 0 | 0 | 12 | 12 | 31 | 18 | | | | 0 |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 59.7 | 44.0 | 67.9 | 43.0 | 34.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 59.7 | 44.0 | 67.9 | 43.0 | 34.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 36.9 | 46.1 | 36.3 | 30.6 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 11.3 | 11.5 | 9.0 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 10.9 | 11.3 | 11.5 | 9.0 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 7.1 | 7.3 | 7.0 | 6.9 | 6.0 | 5.8 | 5.9 | 5.9 | 5.8 | 5.8 | 5.4 | 4.9 | 4.4 | 3.9 | 4.2 | 4.3 | 4.3 | 4.2 | 3.7 | 3.3 |
| Max. 1-Hr. Concentration | 13.0 | 14.0 | 12.0 | 13.0 | 13.0 | 13.0 | 12.0 | 11.0 | 12.0 | 10.0 | 12.0 | 10.1 | 8.6 | 10.7 | 8.7 | 8.0 | 9.8 | 7.1 | 5.8 | 5.4 |
| Max. 8-Hr. Concentration | 5.6 | 6.4 | 6.4 | 5.5 | 5.4 | 5.3 | 5.9 | 6.5 | 4.8 | 5.8 | 5.4 | 3.9 | 3.6 | 4.2 | 4.1 | 3.8 | 4.4 | 3.9 | 2.8 | 2.6 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.092 | 0.116 | 0.130 | 0.137 | 0.140 | 0.132 | 0.128 | 0.122 | 0.116 | 0.110 | 0.101 | 0.096 | 0.092 | 0.081 | 0.077 | 0.079 | 0.076 | 0.078 | 0.066 | 0.068 |
| Max. 1-Hr. Concentration | 0.090 | 0.130 | 0.130 | 0.120 | 0.130 | 0.120 | 0.120 | 0.120 | 0.100 | 0.090 | 0.106 | 0.077 | 0.090 | 0.084 | 0.063 | 0.104 | 0.065 | 0.074 | 0.066 | 0.081 |
| Max. Annual Average | 0.021 | 0.022 | 0.024 | | 0.024 | 0.024 | 0.022 | 0.023 | 0.021 | 0.022 | 0.021 | 0.019 | 0.020 | 0.018 | 0.018 | 0.019 | 0.018 | 0.017 | 0.017 | 0.015 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

Table A-80

San Francisco Bay Area Air Basin**County: Santa Clara**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.164 | 0.172 | 0.155 | 0.149 | 0.147 | 0.148 | 0.130 | 0.117 | 0.117 | 0.119 | 0.115 | 0.125 | 0.126 | 0.125 | 0.127 | 0.126 | 0.130 | 0.120 | 0.122 | 0.118 | |
| Peak 8-Hour Indicator | 0.125 | 0.130 | 0.121 | 0.114 | 0.111 | 0.112 | 0.104 | 0.095 | 0.091 | 0.093 | 0.093 | 0.100 | 0.099 | 0.098 | 0.098 | 0.097 | 0.101 | 0.090 | 0.096 | 0.097 | |
| 4th High 1-Hr. in 3 Yrs | 0.160 | 0.160 | 0.150 | 0.140 | 0.140 | 0.140 | 0.120 | 0.120 | 0.120 | 0.120 | 0.118 | 0.130 | 0.129 | 0.129 | 0.118 | 0.125 | 0.125 | 0.125 | 0.113 | 0.116 | 0.116 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.100 | 0.103 | 0.097 | 0.092 | 0.092 | 0.097 | 0.088 | 0.082 | 0.078 | 0.080 | 0.080 | 0.086 | 0.088 | 0.085 | 0.085 | 0.080 | 0.081 | 0.076 | 0.082 | 0.086 | |
| Maximum 1-Hr. Concentration | 0.170 | 0.160 | 0.140 | 0.170 | 0.140 | 0.130 | 0.130 | 0.130 | 0.130 | 0.130 | 0.130 | 0.145 | 0.129 | 0.114 | 0.147 | 0.125 | 0.113 | 0.123 | 0.121 | 0.124 | |
| Max. 8-Hr. Concentration | 0.124 | 0.127 | 0.105 | 0.108 | 0.101 | 0.102 | 0.096 | 0.108 | 0.101 | 0.112 | 0.095 | 0.109 | 0.103 | 0.084 | 0.111 | 0.102 | 0.101 | 0.096 | 0.099 | 0.101 | |
| Days Above State Standard | 50 | 40 | 32 | 41 | 34 | 17 | 10 | 12 | 15 | 14 | 8 | 22 | 24 | 3 | 22 | 12 | 4 | 9 | 10 | 11 | |
| Days Above Nat. 1-Hr. Std. | 19 | 7 | 1 | 12 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 6 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 28 | 14 | 10 | 25 | 19 | 7 | 4 | 5 | 3 | 4 | 2 | 14 | 8 | 0 | 8 | 4 | 1 | 3 | 6 | 6 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 146 | 147 | 134 | 120 | 112 | 93 | 93 | 60 | 76 | 78 | 100 | 117 | 80 | 82 | 73 | 60 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 146 | 150 | 173 | 153 | 112 | 101 | 93 | 60 | 76 | 95 | 92 | 114 | 76 | 77 | 70 | 57 | |
| Annual Average (State) | | | | | | 37.7 | 35.1 | 37.9 | 33.9 | 28.1 | 28.3 | 25.7 | 24.8 | 25.8 | 25.8 | 30.0 | 27.8 | | | 24.8 | |
| Annual Average (Nat) | | | | | | 38.3 | 40.8 | 40.4 | 38.3 | 33.7 | 28.4 | 28.3 | 25.7 | 24.9 | 25.8 | 25.1 | 28.7 | 26.8 | 28.9 | 24.2 | |
| Calc Days Above State 24-Hr Std | | | | | | | 76 | 65 | 85 | 53 | 31 | 36 | 24 | 12 | 18 | 18 | 31 | 42 | | 18 | |
| Calc Days Above Nat 24-Hr Std | | | | | | | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 77.0 | 67.2 | 63.3 | 57.6 | 56.1 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 77.0 | 67.2 | 63.3 | 57.6 | 56.1 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 55.3 | 55.4 | 37.3 | 37.4 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 12.4 | 12.0 | 11.7 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 13.6 | 12.4 | 12.0 | 11.7 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | 11.9 | 13.9 | 14.0 | 13.4 | 10.7 | 11.8 | 12.6 | 12.4 | 11.1 | 9.3 | 8.1 | 7.8 | 7.4 | 6.5 | 6.7 | 6.5 | 7.1 | 6.9 | 6.0 | 3.9 | |
| Max. 1-Hr. Concentration | 20.0 | 21.0 | 16.0 | 13.0 | 15.0 | 19.0 | 18.0 | 15.0 | 11.0 | 14.0 | 12.0 | 8.9 | 8.8 | 9.9 | 8.6 | 9.0 | 8.9 | 7.6 | 5.9 | 5.5 | |
| Max. 8-Hr. Concentration | 12.1 | 16.1 | 11.3 | 7.4 | 10.4 | 12.0 | 11.0 | 11.0 | 7.8 | 6.9 | 8.8 | 5.8 | 7.0 | 6.1 | 6.3 | 6.3 | 7.0 | 5.1 | 4.5 | 4.0 | |
| Days Above State 8-Hr. Std. | 5 | 20 | 5 | 0 | 3 | 8 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 5 | 18 | 5 | 0 | 3 | 7 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.186 | 0.196 | 0.189 | 0.188 | 0.167 | 0.162 | 0.156 | 0.160 | 0.155 | 0.141 | 0.116 | 0.119 | 0.114 | 0.111 | 0.101 | 0.108 | 0.105 | 0.109 | 0.100 | | |
| Max. 1-Hr. Concentration | 0.180 | 0.190 | 0.160 | 0.170 | 0.160 | 0.150 | 0.150 | 0.140 | 0.100 | 0.120 | 0.107 | 0.116 | 0.108 | 0.118 | 0.083 | 0.128 | 0.114 | 0.108 | 0.069 | | |
| Max. Annual Average | 0.032 | 0.035 | 0.033 | 0.031 | 0.032 | 0.032 | 0.030 | 0.031 | 0.027 | 0.027 | 0.028 | 0.027 | 0.025 | 0.025 | 0.026 | 0.025 | 0.025 | 0.024 | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

San Francisco Bay Area Air Basin

County: Solano

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|----|----|------|----|
| Peak 1-Hour Indicator | 0.118 | 0.119 | 0.112 | 0.113 | 0.111 | 0.117 | 0.107 | 0.103 | 0.100 | 0.103 | 0.102 | 0.111 | 0.114 | 0.113 | 0.115 | 0.121 | 0.124 | 0.117 | 0.114 | 0.101 | | | | | | |
| Peak 8-Hour Indicator | 0.091 | 0.093 | 0.090 | 0.095 | 0.096 | 0.097 | 0.087 | 0.084 | 0.082 | 0.084 | 0.083 | 0.089 | 0.093 | 0.091 | 0.093 | 0.098 | 0.099 | 0.092 | 0.090 | 0.089 | | | | | | |
| 4th High 1-Hr. in 3 Yrs | 0.130 | 0.130 | 0.120 | 0.110 | 0.110 | 0.110 | 0.110 | 0.100 | 0.100 | 0.100 | 0.100 | 0.109 | 0.113 | 0.113 | 0.110 | 0.117 | 0.117 | 0.111 | 0.099 | 0.099 | | | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.074 | 0.075 | 0.073 | 0.077 | 0.077 | 0.078 | 0.074 | 0.074 | 0.074 | 0.074 | 0.073 | 0.077 | 0.079 | 0.078 | 0.077 | 0.081 | 0.080 | 0.075 | 0.074 | 0.073 | | | | | | |
| Maximum 1-Hr. Concentration | 0.140 | 0.120 | 0.090 | 0.120 | 0.130 | 0.120 | 0.110 | 0.110 | 0.100 | 0.130 | 0.107 | 0.133 | 0.113 | 0.103 | 0.121 | 0.129 | 0.096 | 0.102 | 0.109 | 0.101 | | | | | | |
| Max. 8-Hr. Concentration | 0.095 | 0.087 | 0.076 | 0.092 | 0.093 | 0.086 | 0.087 | 0.087 | 0.086 | 0.096 | 0.082 | 0.099 | 0.095 | 0.083 | 0.097 | 0.101 | 0.076 | 0.084 | 0.083 | 0.077 | | | | | | |
| Days Above State Standard | 13 | 7 | 0 | 14 | 6 | 4 | 2 | 5 | 4 | 4 | 3 | 13 | 8 | 1 | 9 | 9 | 1 | 3 | 4 | 2 | | | | | | |
| Days Above Nat. 1-Hr. Std. | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | | | | |
| Days Above Nat. 8-Hr. Std. | 5 | 1 | 0 | 5 | 2 | 1 | 1 | 1 | 2 | 2 | 0 | 5 | 3 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | | | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 58 | 84 | 39 | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 63 | 59 | 49 | 85 | 71 | 84 | 53 | 86 | 80 | 38 |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | | | | | | 17.3 | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | | | | | | | | | | 16.8 | |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | 90.5 | 60.1 | 90.1 | 72.3 | 30.8 | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | 90.5 | 60.1 | 90.1 | 72.3 | 30.8 | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | 44.0 | 56.0 | 54.0 | 25.1 | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 11.6 | 12.5 | 13.6 | 9.4 | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 11.6 | 12.5 | 13.6 | 9.4 | | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | |
| Peak 8-Hr. Indicator | 11.4 | 10.8 | 10.9 | 10.3 | 10.3 | 10.1 | 10.4 | 10.3 | 9.3 | 8.4 | 7.5 | 7.1 | 6.2 | 5.6 | 5.4 | 5.7 | 5.5 | 5.3 | 4.6 | 4.1 | | | | | | |
| Max. 1-Hr. Concentration | 15.0 | 12.0 | 13.0 | 13.0 | 14.0 | 13.0 | 12.0 | 13.0 | 11.0 | 12.0 | 8.7 | 7.0 | 6.4 | 6.5 | 7.2 | 6.6 | 6.5 | 5.6 | 5.8 | 4.0 | | | | | | |
| Max. 8-Hr. Concentration | 9.8 | 8.6 | 10.8 | 9.4 | 10.6 | 11.5 | 9.0 | 9.6 | 6.6 | 7.9 | 6.5 | 5.3 | 4.9 | 4.9 | 5.3 | 5.5 | 5.1 | 4.1 | 3.9 | 2.9 | | | | | | |
| Days Above State 8-Hr. Std. | 4 | 0 | 4 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| Days Above Nat 8-Hr. Std. | 2 | 0 | 4 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | |
| Peak 1-Hr. Indicator | 0.095 | 0.093 | 0.097 | 0.090 | 0.090 | 0.094 | 0.094 | 0.096 | 0.090 | 0.087 | 0.075 | 0.072 | 0.069 | 0.065 | 0.064 | 0.068 | 0.067 | 0.066 | 0.056 | 0.055 | | | | | | |
| Max. 1-Hr. Concentration | 0.110 | 0.090 | 0.100 | 0.080 | 0.090 | 0.130 | 0.080 | 0.090 | 0.070 | 0.070 | 0.066 | 0.070 | 0.071 | 0.068 | 0.064 | 0.083 | 0.064 | 0.057 | 0.051 | 0.067 | | | | | | |
| Max. Annual Average | 0.019 | 0.018 | 0.018 | 0.019 | 0.018 | 0.018 | 0.018 | 0.018 | 0.017 | 0.016 | 0.016 | 0.015 | 0.013 | 0.014 | 0.014 | 0.013 | 0.013 | 0.013 | 0.012 | | | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | | | |
| Peak 1-Hr. Indicator | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | | | | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| Max. 24-Hr. Concentration | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | | | | | | |

Table A-82

A portion of Solano County lies within the Sacramento Valley Air Basin.

San Francisco Bay Area Air Basin**County: Sonoma**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| Peak 1-Hour Indicator | 0.100 | 0.106 | 0.105 | 0.102 | 0.101 | 0.104 | 0.102 | 0.103 | 0.095 | 0.091 | 0.081 | 0.086 | 0.086 | 0.084 | 0.079 | 0.085 | 0.082 | 0.083 | 0.071 | 0.074 | | | | |
| Peak 8-Hour Indicator | 0.085 | 0.089 | 0.087 | 0.087 | 0.087 | 0.092 | 0.085 | 0.083 | 0.076 | 0.074 | 0.070 | 0.065 | 0.070 | 0.063 | 0.059 | 0.062 | 0.062 | 0.063 | 0.057 | 0.059 | | | | |
| 4th High 1-Hr. in 3 Yrs | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.090 | 0.090 | 0.080 | 0.084 | 0.084 | 0.085 | 0.077 | 0.090 | 0.086 | 0.086 | 0.077 | 0.086 | | | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.066 | 0.068 | 0.068 | 0.069 | 0.071 | 0.076 | 0.072 | 0.072 | 0.067 | 0.063 | 0.058 | 0.057 | 0.058 | 0.054 | 0.052 | 0.054 | 0.055 | 0.055 | 0.052 | 0.054 | | | | |
| Maximum 1-Hr. Concentration | 0.110 | 0.110 | 0.100 | 0.110 | 0.110 | 0.100 | 0.090 | 0.100 | 0.090 | 0.080 | 0.086 | 0.097 | 0.089 | 0.093 | 0.068 | 0.095 | 0.078 | 0.086 | 0.077 | 0.096 | | | | |
| Max. 8-Hr. Concentration | 0.087 | 0.091 | 0.078 | 0.097 | 0.096 | 0.083 | 0.073 | 0.078 | 0.080 | 0.062 | 0.072 | 0.077 | 0.077 | 0.080 | 0.054 | 0.076 | 0.056 | 0.063 | 0.060 | 0.079 | | | | |
| Days Above State Standard | 3 | 3 | 1 | 2 | 2 | 3 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | | | | |
| Days Above Nat. 1-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Days Above Nat. 8-Hr. Std. | 2 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | 38 | 85 | 56 | 57 | 48 | 78 | 64 | 36 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | 61 | 46 | 38 | 85 | 53 | 46 | 74 | 60 | 34 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | 18.7 | | | 18.2 | | 16.9 | | | |
| Annual Average (Nat) | | | | | | | | | | | | | | | | 15.4 | 16.9 | 18.6 | 18.2 | | 17.6 | 21.0 | 19.7 | 16.4 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | | | | | | | | 12 | | 0 | | 0 | | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 54.9 | 40.1 | 75.9 | 50.7 | 38.8 | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 54.9 | 40.1 | 75.9 | 50.7 | 38.8 | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 36.8 | 41.4 | 42.4 | 29.8 | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 10.3 | 10.8 | | 8.8 | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 10.3 | 10.8 | 10.5 | 8.8 | | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
| Peak 8-Hr. Indicator | 5.1 | 5.3 | 5.6 | 5.5 | 5.2 | 5.5 | 5.5 | 5.2 | 4.4 | 4.3 | 3.8 | 3.5 | 3.1 | 3.0 | 3.1 | 3.3 | 3.2 | 3.1 | 2.7 | 2.4 | | | | |
| Max. 1-Hr. Concentration | 10.0 | 9.0 | 9.0 | 7.0 | 9.0 | 9.0 | 7.0 | 6.0 | 6.0 | 6.0 | 5.1 | 4.9 | 5.6 | 5.4 | 5.2 | 5.7 | 4.5 | 4.8 | 3.7 | 3.1 | | | | |
| Max. 8-Hr. Concentration | 4.9 | 5.9 | 5.3 | 4.3 | 5.1 | 6.1 | 5.1 | 4.0 | 4.0 | 3.8 | 3.4 | 2.8 | 3.0 | 3.3 | 3.2 | 3.4 | 3.0 | 2.4 | 2.1 | 1.8 | | | | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
| Peak 1-Hr. Indicator | 0.106 | 0.120 | 0.119 | 0.110 | 0.103 | 0.097 | 0.094 | 0.083 | 0.083 | 0.082 | 0.080 | 0.076 | 0.067 | 0.064 | 0.057 | 0.062 | 0.060 | 0.061 | 0.055 | 0.056 | | | | |
| Max. 1-Hr. Concentration | 0.140 | 0.160 | 0.110 | 0.090 | 0.120 | 0.090 | 0.090 | 0.090 | 0.100 | 0.090 | 0.084 | 0.066 | 0.062 | 0.061 | 0.057 | 0.074 | 0.054 | 0.057 | 0.054 | 0.055 | | | | |
| Max. Annual Average | 0.017 | 0.017 | 0.016 | 0.016 | 0.016 | | 0.014 | 0.015 | 0.015 | | 0.015 | 0.015 | 0.014 | 0.013 | 0.015 | 0.014 | 0.013 | 0.013 | 0.012 | | | | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | | | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

San Joaquin Valley Air Basin

County: Fresno

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.164 | 0.162 | 0.172 | 0.172 | 0.168 | 0.170 | 0.158 | 0.167 | 0.162 | 0.162 | 0.155 | 0.152 | 0.154 | 0.153 | 0.162 | 0.159 | 0.158 | 0.146 | 0.151 | 0.151 |
| Peak 8-Hour Indicator | 0.127 | 0.123 | 0.128 | 0.128 | 0.129 | 0.129 | 0.118 | 0.128 | 0.122 | 0.124 | 0.115 | 0.119 | 0.120 | 0.121 | 0.126 | 0.126 | 0.126 | 0.118 | 0.120 | 0.120 |
| 4th High 1-Hr. in 3 Yrs | 0.160 | 0.160 | 0.170 | 0.170 | 0.170 | 0.160 | 0.150 | 0.160 | 0.160 | 0.160 | 0.150 | 0.144 | 0.146 | 0.146 | 0.161 | 0.161 | 0.161 | 0.146 | 0.151 | 0.151 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.114 | 0.110 | 0.117 | 0.118 | 0.121 | 0.115 | 0.110 | 0.110 | 0.108 | 0.111 | 0.107 | 0.108 | 0.107 | 0.111 | 0.115 | 0.113 | 0.111 | 0.108 | 0.115 | 0.111 |
| Maximum 1-Hr. Concentration | 0.170 | 0.160 | 0.180 | 0.200 | 0.190 | 0.150 | 0.150 | 0.180 | 0.160 | 0.160 | 0.144 | 0.173 | 0.154 | 0.147 | 0.169 | 0.155 | 0.165 | 0.149 | 0.164 | 0.152 |
| Max. 8-Hr. Concentration | 0.125 | 0.131 | 0.135 | 0.150 | 0.125 | 0.121 | 0.117 | 0.130 | 0.121 | 0.121 | 0.111 | 0.126 | 0.123 | 0.127 | 0.134 | 0.123 | 0.131 | 0.120 | 0.132 | 0.116 |
| Days Above State Standard | 109 | 112 | 118 | 127 | 130 | 109 | 79 | 94 | 86 | 81 | 65 | 81 | 96 | 95 | 79 | 95 | 92 | 108 | 106 | 108 |
| Days Above Nat. 1-Hr. Std. | 42 | 34 | 39 | 43 | 47 | 24 | 14 | 30 | 25 | 19 | 14 | 22 | 31 | 13 | 30 | 18 | 23 | 21 | 25 | 17 |
| Days Above Nat. 8-Hr. Std. | 100 | 85 | 94 | 112 | 113 | 92 | 55 | 81 | 69 | 59 | 55 | 63 | 78 | 75 | 69 | 83 | 79 | 94 | 95 | 97 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 162 | 204 | 297 | 152 | 125 | 190 | 127 | 126 | 144 | 124 | 149 | 164 | 139 | 204 | 111 | 93 |
| Max. 24-Hr. Concentration (Nat) | | | | | 162 | 250 | 297 | 152 | 125 | 190 | 127 | 126 | 144 | 124 | 141 | 162 | 138 | 193 | 106 | 92 |
| Annual Average (State) | | | | | 49.3 | 65.5 | 60.0 | 52.1 | 53.0 | 38.1 | 48.9 | 39.8 | 46.7 | 39.8 | 46.9 | 41.0 | 43.3 | 43.4 | 44.0 | |
| Annual Average (Nat) | | | | | 52.1 | 56.3 | 65.5 | 60.0 | 52.2 | 53.1 | 49.7 | 48.8 | 39.3 | 46.7 | 39.3 | 46.6 | 40.3 | 44.4 | 42.6 | 43.4 |
| Calc Days Above State 24-Hr Std | | | | | 176 | 196 | 185 | 178 | 152 | 72 | 137 | 89 | 107 | 91 | 119 | 72 | 98 | 123 | 128 | |
| Calc Days Above Nat 24-Hr Std | | | | | 7 | 12 | 26 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 136.0 | 160.0 | 110.0 | 99.7 | 79.9 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 136.0 | 160.0 | 110.0 | 84.0 | 63.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 120.0 | 108.0 | 76.0 | 77.0 | 56.0 |
| Annual Average (State) | | | | | | | | | | | | | | | | 23.4 | | 21.3 | 17.8 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 27.7 | 18.4 | 19.8 | 21.6 | 17.9 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 13.6 | 13.4 | 13.9 | 13.5 | 13.8 | 13.7 | 13.9 | 10.2 | 10.2 | 10.0 | 10.0 | 10.9 | 9.9 | 9.0 | 8.3 | 8.5 | 8.3 | 5.8 | 5.3 | 4.8 |
| Max. 1-Hr. Concentration | 24.0 | 18.0 | 21.0 | 15.0 | 19.0 | 23.0 | 15.0 | 15.0 | 13.0 | 13.0 | 15.0 | 12.0 | 10.1 | 9.9 | 10.3 | 11.9 | 9.0 | 6.7 | 6.1 | 5.0 |
| Max. 8-Hr. Concentration | 15.7 | 10.7 | 16.3 | 10.9 | 16.5 | 13.1 | 10.3 | 10.4 | 7.6 | 9.3 | 8.9 | 9.1 | 6.8 | 7.5 | 8.0 | 7.7 | 6.2 | 4.6 | 4.5 | 4.1 |
| Days Above State 8-Hr. Std. | 7 | 6 | 12 | 3 | 3 | 17 | 3 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 6 | 6 | 8 | 3 | 4 | 13 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.115 | 0.144 | 0.148 | 0.145 | 0.144 | 0.151 | 0.156 | 0.129 | 0.123 | 0.121 | 0.124 | 0.124 | 0.115 | 0.107 | 0.100 | 0.107 | 0.106 | 0.102 | 0.093 | 0.095 |
| Max. 1-Hr. Concentration | 0.190 | 0.150 | 0.190 | 0.150 | 0.210 | 0.190 | 0.160 | 0.120 | 0.110 | 0.120 | 0.119 | 0.111 | 0.109 | 0.103 | 0.112 | 0.108 | 0.094 | 0.090 | 0.089 | 0.092 |
| Max. Annual Average | 0.027 | 0.031 | 0.019 | 0.030 | 0.032 | 0.032 | 0.026 | 0.025 | 0.023 | 0.023 | 0.023 | 0.022 | 0.021 | 0.021 | 0.020 | 0.024 | 0.021 | 0.021 | 0.020 | 0.020 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | 0.00 | |
| Max. 24-Hr. Concentration | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | | | 0.00 | |

Table A-84

*San Joaquin Valley Air Basin***County: Kern**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.164 | 0.162 | 0.162 | 0.166 | 0.169 | 0.167 | 0.164 | 0.166 | 0.160 | 0.154 | 0.154 | 0.163 | 0.164 | 0.167 | 0.161 | 0.152 | 0.150 | 0.141 | 0.143 | 0.147 |
| Peak 8-Hour Indicator | 0.120 | 0.119 | 0.119 | 0.134 | 0.134 | 0.131 | 0.126 | 0.125 | 0.121 | 0.122 | 0.123 | 0.128 | 0.130 | 0.135 | 0.131 | 0.127 | 0.129 | 0.116 | 0.119 | 0.122 |
| 4th High 1-Hr. in 3 Yrs | 0.160 | 0.160 | 0.160 | 0.160 | 0.170 | 0.170 | 0.160 | 0.160 | 0.160 | 0.160 | 0.160 | 0.165 | 0.165 | 0.164 | 0.158 | 0.154 | 0.154 | 0.138 | 0.142 | 0.150 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.109 | 0.111 | 0.114 | 0.118 | 0.118 | 0.120 | 0.119 | 0.118 | 0.115 | 0.112 | 0.111 | 0.119 | 0.119 | 0.115 | 0.115 | 0.111 | 0.111 | 0.109 | 0.112 | 0.115 |
| Maximum 1-Hr. Concentration | 0.170 | 0.160 | 0.160 | 0.170 | 0.170 | 0.180 | 0.170 | 0.160 | 0.150 | 0.160 | 0.175 | 0.168 | 0.165 | 0.146 | 0.165 | 0.140 | 0.151 | 0.138 | 0.151 | 0.156 |
| Max. 8-Hr. Concentration | 0.121 | 0.121 | 0.126 | 0.131 | 0.127 | 0.136 | 0.123 | 0.120 | 0.115 | 0.125 | 0.129 | 0.134 | 0.137 | 0.118 | 0.136 | 0.112 | 0.117 | 0.115 | 0.120 | 0.127 |
| Days Above State Standard | 81 | 112 | 99 | 124 | 134 | 132 | 120 | 119 | 106 | 110 | 114 | 115 | 114 | 66 | 81 | 105 | 95 | 95 | 95 | 122 |
| Days Above Nat. 1-Hr. Std. | 26 | 27 | 33 | 46 | 56 | 42 | 37 | 37 | 10 | 37 | 37 | 38 | 44 | 8 | 29 | 12 | 16 | 16 | 17 | 28 |
| Days Above Nat. 8-Hr. Std. | 71 | 90 | 94 | 112 | 124 | 112 | 96 | 107 | 100 | 98 | 101 | 104 | 109 | 55 | 75 | 88 | 82 | 85 | 89 | 116 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 206 | 237 | 287 | 189 | 186 | 131 | 192 | 195 | 153 | 137 | 166 | 186 | 153 | 216 | 194 | 134 |
| Max. 24-Hr. Concentration (Nat) | | | | | 244 | 237 | 287 | 189 | 183 | 130 | 190 | 195 | 153 | 137 | 159 | 183 | 145 | 205 | 189 | 136 |
| Annual Average (State) | | | | | | 80.1 | 70.0 | 62.4 | 55.8 | 41.5 | 57.9 | 54.1 | 42.9 | 40.5 | 60.1 | 53.9 | 51.3 | 59.9 | 52.3 | |
| Annual Average (Nat) | | | | | 60.0 | 79.3 | 79.3 | 69.9 | 62.9 | 54.3 | 39.6 | 58.2 | 54.1 | 46.1 | 38.7 | 59.5 | 53.1 | 47.7 | 59.2 | 52.4 |
| Calc Days Above State 24-Hr Std | | | | | | 292 | 225 | 246 | 178 | 106 | 184 | 204 | 80 | 95 | 173 | 158 | 133 | 256 | 167 | |
| Calc Days Above Nat 24-Hr Std | | | | | 31 | 23 | 31 | 18 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 8 | 0 | 9 | 6 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 134.8 | 112.7 | 154.7 | 104.3 | 84.5 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 134.8 | 112.7 | 154.7 | 89.6 | 67.8 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 111.3 | 95.4 | 95.9 | 80.4 | 51.9 |
| Annual Average (State) | | | | | | | | | | | | | | | | 31.2 | 22.6 | 20.8 | 24.1 | 24.8 |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 26.8 | 22.6 | 21.8 | 24.1 | 19.7 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 8.2 | 7.4 | 7.3 | 7.0 | 7.4 | 8.8 | 9.4 | 9.5 | 8.5 | 6.8 | 5.4 | 5.3 | 5.1 | 4.7 | 4.1 | 4.8 | 6.0 | 5.4 | 4.6 | 3.0 |
| Max. 1-Hr. Concentration | 11.0 | 10.0 | 14.0 | 10.0 | 12.0 | 14.0 | 13.0 | 13.0 | 11.0 | 8.0 | 8.8 | 7.8 | 8.7 | 6.1 | 5.7 | 10.5 | 10.1 | 16.0 | 4.5 | 4.5 |
| Max. 8-Hr. Concentration | 6.9 | 6.0 | 8.8 | 6.9 | 8.9 | 11.0 | 8.6 | 8.1 | 5.8 | 6.1 | 6.4 | 6.2 | 7.7 | 4.0 | 3.9 | 5.0 | 5.4 | 3.5 | 2.5 | 3.7 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.119 | 0.127 | 0.125 | 0.125 | 0.128 | 0.133 | 0.136 | 0.131 | 0.120 | 0.114 | 0.110 | 0.109 | 0.105 | 0.103 | 0.096 | 0.098 | 0.100 | 0.109 | 0.107 | 0.106 |
| Max. 1-Hr. Concentration | 0.140 | 0.160 | 0.120 | 0.100 | 0.120 | 0.130 | 0.140 | 0.110 | 0.110 | 0.100 | 0.089 | 0.109 | 0.110 | 0.081 | 0.100 | 0.107 | 0.089 | 0.115 | 0.107 | 0.085 |
| Max. Annual Average | 0.028 | 0.031 | 0.030 | 0.029 | 0.032 | 0.033 | 0.031 | 0.030 | 0.027 | 0.017 | 0.017 | 0.029 | 0.029 | 0.024 | 0.022 | 0.027 | 0.024 | 0.022 | 0.024 | 0.020 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.09 | 0.09 | 0.09 | 0.08 | 0.07 | 0.06 | 0.06 | 0.04 | 0.04 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.01 | 0.02 | 0.02 | | | |
| Max. Annual Average | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Max. 24-Hr. Concentration | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | |

Table A-85

A portion of Kern County lies within the Mojave Desert Air Basin.

San Joaquin Valley Air Basin

County: Kings

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | 0.122 | 0.127 | 0.125 | 0.128 | 0.127 | 0.124 | 0.119 | 0.112 | 0.106 | 0.109 | 0.111 | 0.106 | 0.137 | 0.137 | 0.137 | 0.124 | 0.127 | 0.124 | 0.125 | 0.120 | |
| Peak 8-Hour Indicator | 0.102 | 0.106 | 0.105 | 0.106 | 0.103 | 0.102 | 0.100 | 0.096 | 0.090 | 0.090 | 0.099 | 0.094 | 0.121 | 0.120 | 0.118 | 0.105 | 0.111 | 0.108 | 0.109 | 0.103 | |
| 4th High 1-Hr. in 3 Yrs | 0.120 | 0.120 | 0.120 | 0.130 | 0.130 | 0.130 | 0.130 | 0.110 | 0.100 | 0.110 | 0.109 | 0.109 | 0.138 | 0.138 | 0.138 | 0.128 | 0.128 | 0.124 | 0.124 | 0.121 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.095 | 0.098 | 0.088 | 0.088 | 0.088 | 0.096 | 0.091 | 0.088 | 0.080 | 0.080 | 0.093 | 0.086 | 0.096 | 0.097 | 0.105 | 0.099 | 0.102 | 0.098 | 0.099 | 0.095 | |
| Maximum 1-Hr. Concentration | 0.120 | 0.140 | 0.110 | 0.130 | 0.150 | 0.130 | 0.100 | 0.110 | 0.100 | 0.110 | 0.119 | 0.096 | 0.144 | 0.126 | 0.143 | 0.140 | 0.124 | 0.127 | 0.125 | 0.120 | |
| Max. 8-Hr. Concentration | 0.102 | 0.101 | 0.096 | 0.104 | 0.107 | 0.112 | 0.092 | 0.093 | 0.078 | 0.093 | 0.102 | 0.085 | 0.121 | 0.106 | 0.113 | 0.111 | 0.110 | 0.107 | 0.105 | 0.100 | |
| Days Above State Standard | 20 | 14 | 1 | 19 | 34 | 13 | 4 | 15 | 1 | 2 | 9 | 2 | 78 | 23 | 27 | 28 | 48 | 21 | 29 | 19 | |
| Days Above Nat. 1-Hr. Std. | 0 | 2 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 2 | 3 | 2 | 0 | 1 | 1 | 0 | |
| Days Above Nat. 8-Hr. Std. | 20 | 14 | 1 | 14 | 28 | 10 | 3 | 9 | 0 | 2 | 12 | 1 | 81 | 26 | 31 | 25 | 51 | 18 | 27 | 15 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 170 | 213 | 439 | 279 | 178 | 239 | 129 | 279 | 143 | 199 | 149 | 185 | 137 | 221 | 174 | 150 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 159 | 202 | 439 | 279 | 167 | 239 | 125 | 279 | 143 | 199 | 146 | 174 | 128 | 185 | 168 | 150 | |
| Annual Average (State) | | | | | 67.0 | 58.8 | 62.9 | 54.7 | 56.3 | 49.6 | 52.9 | 40.9 | 47.3 | | 53.1 | 51.3 | | 55.4 | 47.5 | | |
| Annual Average (Nat) | | | | | 53.2 | 66.0 | 63.9 | 62.9 | 54.7 | 56.3 | 50.1 | 52.9 | 40.8 | 48.2 | | 53.0 | 46.6 | 57.4 | 53.5 | 46.9 | |
| Calc Days Above State 24-Hr Std | | | | | 208 | 157 | 189 | 172 | 170 | 166 | 174 | 115 | 102 | | 135 | 132 | | 172 | 149 | | |
| Calc Days Above Nat 24-Hr Std | | | | | 7 | 29 | 14 | 14 | 6 | 20 | 0 | 12 | 0 | 6 | | 9 | 0 | 14 | 6 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 53.0 | 76.0 | 123.2 | 90.7 | 55.1 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 53.0 | 76.0 | 123.2 | 90.7 | 55.1 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 89.5 | 65.1 | 42.2 | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 16.2 | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 16.4 | 19.2 | 21.5 | 16.3 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hr. Indicator | | | | | | | | | | | 0.087 | 0.094 | 0.091 | 0.091 | 0.081 | 0.084 | 0.073 | 0.068 | 0.073 | 0.073 |
| Max. 1-Hr. Concentration | | | | | | | | | | | 0.082 | 0.094 | 0.066 | 0.080 | 0.086 | 0.086 | 0.072 | 0.096 | 0.067 | 0.076 |
| Max. Annual Average | | | | | | | | | | | 0.015 | 0.015 | | 0.014 | 0.014 | | 0.014 | 0.014 | 0.013 | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

*San Joaquin Valley Air Basin***County: Madera**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | 0.118 | 0.113 | 0.117 | 0.114 | 0.125 | 0.121 | 0.124 | 0.122 | | 0.122 | 0.115 | 0.111 | 0.104 | 0.111 | 0.115 |
| Peak 8-Hour Indicator | | | | | | 0.103 | 0.103 | 0.101 | 0.098 | 0.107 | 0.106 | 0.109 | 0.106 | | 0.106 | 0.102 | 0.101 | 0.097 | 0.098 | 0.097 |
| 4th High 1-Hr. in 3 Yrs | | | | | 0.110 | 0.120 | 0.120 | 0.120 | 0.110 | 0.130 | 0.130 | 0.130 | 0.121 | 0.084 | 0.110 | 0.117 | 0.117 | 0.104 | 0.115 | 0.119 |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | 0.097 | 0.096 | 0.093 | 0.093 | 0.091 | 0.096 | 0.091 | 0.093 | 0.093 | 0.070 | 0.081 | 0.083 | 0.089 | 0.088 | 0.091 | 0.093 |
| Maximum 1-Hr. Concentration | | | | | 0.130 | 0.120 | 0.110 | 0.130 | 0.120 | 0.150 | 0.103 | 0.117 | 0.134 | 0.085 | 0.127 | 0.118 | 0.104 | 0.115 | 0.141 | 0.120 |
| Max. 8-Hr. Concentration | | | | | 0.106 | 0.101 | 0.098 | 0.101 | 0.097 | 0.110 | 0.086 | 0.102 | 0.111 | 0.080 | 0.116 | 0.095 | 0.096 | 0.093 | 0.110 | 0.102 |
| Days Above State Standard | | | | | 11 | 15 | 6 | 24 | 15 | 28 | 4 | 16 | 28 | 0 | 15 | 12 | 8 | 15 | 21 | 15 |
| Days Above Nat. 1-Hr. Std. | | | | | 1 | 0 | 0 | 2 | 0 | 6 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | 8 | 15 | 13 | 17 | 12 | 26 | 1 | 15 | 28 | 0 | 12 | 10 | 9 | 13 | 18 | 14 |

| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | 108 | 162 | 174 | 118 | 96 | 128 | 105 | 111 | 89 | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | 108 | 162 | 174 | 118 | 96 | 128 | 105 | 111 | 89 | | | | | | | |
| Annual Average (State) | | | | | 52.7 | 53.7 | | 51.6 | 43.6 | 47.1 | 40.4 | 41.9 | | | | | | | | |
| Annual Average (Nat) | | | | | 52.7 | 53.7 | 53.5 | 52.0 | 43.6 | 47.1 | 40.1 | 41.9 | | | | | | | | |
| Calc Days Above State 24-Hr Std | | | | | 159 | 148 | | 165 | 118 | 138 | 78 | 125 | | | | | | | | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |

| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | | | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | | | |

| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | 0.088 | 0.053 | 0.068 | 0.066 | 0.066 | 0.060 | 0.056 |
| Max. 1-Hr. Concentration | | | | | | | | | | | | | | 0.077 | 0.060 | 0.084 | 0.060 | 0.060 | 0.058 | 0.054 |
| Max. Annual Average | | | | | | | | | | | | | | 0.011 | 0.014 | 0.013 | 0.011 | 0.012 | 0.010 | |

| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

San Joaquin Valley Air Basin

County: Merced

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | | | | | | | | | 0.124 | 0.122 | 0.122 | 0.124 | 0.127 | 0.129 | 0.132 | 0.134 | 0.132 | 0.122 | 0.124 | 0.124 | |
| Peak 8-Hour Indicator | | | | | | | | | 0.107 | 0.106 | 0.106 | 0.109 | 0.110 | 0.111 | 0.113 | 0.118 | 0.116 | 0.108 | 0.110 | 0.113 | |
| 4th High 1-Hr. in 3 Yrs | | | | | | | | 0.120 | 0.120 | 0.120 | 0.120 | 0.125 | 0.125 | 0.125 | 0.131 | 0.132 | 0.132 | 0.120 | 0.121 | 0.122 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | | | | | | | | 0.097 | 0.099 | 0.098 | 0.098 | 0.100 | 0.102 | 0.094 | 0.096 | 0.097 | 0.106 | 0.101 | 0.101 | 0.102 | |
| Maximum 1-Hr. Concentration | | | | | | | | 0.130 | 0.120 | 0.130 | 0.123 | 0.130 | 0.131 | 0.102 | 0.143 | 0.132 | 0.120 | 0.113 | 0.138 | 0.122 | |
| Max. 8-Hr. Concentration | | | | | | | | 0.111 | 0.107 | 0.110 | 0.107 | 0.114 | 0.116 | 0.095 | 0.129 | 0.117 | 0.112 | 0.105 | 0.125 | 0.110 | |
| Days Above State Standard | | | | | | | | | 13 | 39 | 22 | 31 | 38 | 44 | 1 | 37 | 42 | 32 | 26 | 55 | 54 |
| Days Above Nat. 1-Hr. Std. | | | | | | | | | 2 | 0 | 1 | 0 | 3 | 1 | 0 | 3 | 2 | 0 | 0 | 2 | 0 |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | 12 | 40 | 19 | 26 | 36 | 44 | 1 | 35 | 40 | 37 | 29 | 56 | 54 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 114 | 148 | 211 | 145 | 98 | 121 | 131 | 100 | 61 | | 143 | 112 | 117 | 88 | 75 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | 114 | 148 | 211 | 145 | 98 | 121 | 131 | 100 | 61 | | 134 | 104 | 113 | 85 | 74 | | |
| Annual Average (State) | | | | | 52.0 | 53.4 | 52.4 | 45.8 | 42.5 | 39.4 | 38.7 | | | | 36.1 | | 39.6 | 32.7 | | | |
| Annual Average (Nat) | | | | | 52.0 | 53.2 | 52.4 | 45.9 | 42.5 | 39.2 | 38.7 | | | | 34.9 | 39.1 | 38.8 | 32.1 | | | |
| Calc Days Above State 24-Hr Std | | | | | 107 | 148 | 152 | 139 | 109 | 61 | 96 | | | | 70 | | 85 | 44 | | | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 6 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 | 0 | | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | 108.7 | 86.1 | 80.3 | 66.0 | 46.7 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 108.7 | 86.1 | 80.3 | 66.0 | 46.7 | | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | 91.9 | | 55.1 | 44.2 | | | |
| Annual Average (State) | | | | | | | | | | | | | | | | 18.7 | 15.7 | | | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 16.7 | 18.8 | 15.7 | | | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. 1-Hr. Concentration | | | | | | | | | 10.0 | 9.0 | | | | | | | | | | | |
| Max. 8-Hr. Concentration | | | | | | | | | 5.4 | 4.8 | | | | | | | | | | | |
| Days Above State 8-Hr. Std. | | | | | | | | | 0 | 0 | | | | | | | | | | | |
| Days Above Nat. 8-Hr. Std. | | | | | | | | | 0 | 0 | | | | | | | | | | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | 0.075 | 0.080 | 0.080 | 0.078 | 0.076 | 0.076 | 0.075 | 0.074 | | 0.079 | 0.072 | 0.070 | |
| Max. 1-Hr. Concentration | | | | | | | | | 0.090 | 0.070 | 0.090 | 0.076 | 0.073 | 0.071 | 0.072 | 0.063 | 0.078 | | 0.066 | 0.068 | 0.063 |
| Max. Annual Average | | | | | | | | | 0.014 | 0.013 | 0.012 | 0.012 | 0.013 | 0.012 | 0.013 | 0.012 | | | 0.012 | 0.012 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | | | | | | | | | | | | | | | | | | | | | |
| Max. Annual Average | | | | | | | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | | | | | | | | | | | | | | | | | | | | | |

No Monitoring Data Available

San Joaquin Valley Air Basin

County: San Joaquin

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | 0.145 | 0.141 | 0.136 | 0.134 | 0.134 | 0.133 | 0.132 | 0.119 | 0.117 | 0.117 | 0.117 | 0.122 | 0.123 | 0.122 | 0.124 | 0.123 | 0.121 | 0.118 | 0.113 | 0.113 | |
| Peak 8-Hour Indicator | 0.121 | 0.119 | 0.117 | 0.110 | 0.110 | 0.110 | 0.112 | 0.098 | 0.098 | 0.098 | 0.097 | 0.109 | 0.103 | 0.104 | 0.100 | 0.103 | 0.104 | 0.100 | 0.096 | 0.097 | |
| 4th High 1-Hr. in 3 Yrs | 0.130 | 0.140 | 0.140 | 0.130 | 0.130 | 0.130 | 0.130 | 0.120 | 0.120 | 0.110 | 0.119 | 0.124 | 0.120 | 0.119 | 0.116 | 0.118 | 0.118 | 0.118 | 0.111 | 0.104 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.107 | 0.104 | 0.101 | 0.097 | 0.098 | 0.093 | 0.090 | 0.087 | 0.088 | 0.088 | 0.087 | 0.091 | 0.092 | 0.087 | 0.087 | 0.087 | 0.088 | 0.084 | 0.081 | 0.081 | |
| Maximum 1-Hr. Concentration | 0.150 | 0.140 | 0.140 | 0.160 | 0.130 | 0.120 | 0.130 | 0.120 | 0.110 | 0.130 | 0.128 | 0.134 | 0.140 | 0.119 | 0.126 | 0.144 | 0.122 | 0.114 | 0.108 | 0.104 | |
| Max. 8-Hr. Concentration | 0.114 | 0.112 | 0.115 | 0.110 | 0.103 | 0.103 | 0.102 | 0.095 | 0.090 | 0.097 | 0.101 | 0.107 | 0.096 | 0.099 | 0.100 | 0.113 | 0.094 | 0.092 | 0.096 | 0.089 | |
| Days Above State Standard | 49 | 35 | 31 | 54 | 37 | 10 | 17 | 26 | 21 | 12 | 16 | 16 | 26 | 6 | 19 | 16 | 9 | 9 | 12 | 6 | |
| Days Above Nat. 1-Hr. Std. | 4 | 5 | 3 | 1 | 4 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 35 | 24 | 17 | 30 | 21 | 4 | 7 | 10 | 10 | 4 | 6 | 9 | 14 | 3 | 7 | 10 | 3 | 2 | 3 | 2 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 115 | 146 | 251 | 140 | 145 | 104 | 109 | 109 | 127 | 130 | 115 | 155 | 110 | 147 | 91 | 90 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 153 | 146 | 251 | 140 | 145 | 104 | 109 | 109 | 127 | 130 | 106 | 150 | 104 | 140 | 87 | 88 | |
| Annual Average (State) | | | | | | | 51.4 | | | | 37.0 | | 27.4 | 29.7 | 30.1 | 37.7 | 33.7 | 36.6 | 36.1 | 28.4 | |
| Annual Average (Nat) | | | | | | 51.2 | 50.4 | 51.2 | 52.4 | 44.8 | | 36.9 | | 27.4 | 29.7 | 29.1 | 36.3 | 32.2 | 35.9 | 35.5 | 28.1 |
| Calc Days Above State 24-Hr Std | | | | | | | | 128 | | | 63 | | 19 | 30 | 50 | 67 | 60 | 64 | 58 | 20 | |
| Calc Days Above Nat 24-Hr Std | | | | | | 0 | 0 | 6 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 101.0 | 78.0 | 76.0 | 64.0 | 45.0 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 101.0 | 78.0 | 76.0 | 64.0 | 45.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 79.0 | 55.0 | 58.0 | 50.0 | 41.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 19.7 | | 16.7 | 13.6 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 19.8 | 15.5 | 13.9 | 16.7 | 13.6 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | 10.5 | 10.3 | 13.6 | 13.9 | 14.1 | 12.2 | 13.7 | 13.2 | 11.5 | 9.2 | 7.5 | 7.5 | 7.3 | 6.2 | 6.0 | 6.2 | 6.8 | 4.8 | 4.1 | 3.7 | |
| Max. 1-Hr. Concentration | 16.0 | 13.0 | 19.0 | 16.0 | 14.0 | 16.0 | 17.0 | 15.0 | 11.0 | 10.0 | 11.3 | 10.3 | 11.0 | 7.7 | 10.2 | 11.3 | 8.1 | 8.4 | 6.0 | 5.8 | |
| Max. 8-Hr. Concentration | 7.8 | 8.4 | 12.1 | 12.9 | 11.4 | 11.0 | 11.5 | 11.4 | 8.3 | 6.9 | 7.8 | 6.2 | 7.6 | 4.2 | 7.9 | 7.8 | 6.6 | 6.0 | 3.2 | 3.1 | |
| Days Above State 8-Hr. Std. | 0 | 0 | 9 | 1 | 1 | 6 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 8 | 1 | 1 | 4 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.107 | 0.111 | 0.122 | 0.122 | 0.126 | 0.122 | 0.130 | 0.134 | 0.132 | 0.132 | 0.131 | 0.127 | 0.113 | 0.102 | 0.097 | 0.103 | 0.102 | 0.100 | 0.085 | 0.086 | |
| Max. 1-Hr. Concentration | 0.090 | 0.110 | 0.160 | 0.100 | 0.110 | 0.130 | 0.120 | 0.110 | 0.190 | 0.160 | 0.144 | 0.119 | 0.088 | 0.090 | 0.102 | 0.106 | 0.099 | 0.087 | 0.077 | 0.088 | |
| Max. Annual Average | 0.020 | 0.023 | 0.025 | 0.026 | 0.025 | 0.026 | 0.025 | 0.023 | 0.024 | 0.024 | 0.022 | 0.023 | 0.022 | 0.023 | 0.015 | 0.021 | 0.019 | 0.021 | 0.018 | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | | | | | | | | | | | | | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | | | | | | | | | | | | | | | |

San Joaquin Valley Air Basin

County: Stanislaus

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Peak 1-Hour Indicator | 0.143 | 0.148 | 0.152 | 0.149 | 0.143 | 0.142 | 0.131 | 0.126 | 0.122 | 0.119 | 0.120 | 0.127 | 0.129 | 0.131 | 0.132 | 0.130 | 0.127 | 0.117 | 0.125 | 0.125 | | |
| Peak 8-Hour Indicator | 0.123 | 0.124 | 0.125 | 0.117 | 0.115 | 0.115 | 0.112 | 0.109 | 0.104 | 0.102 | 0.101 | 0.109 | 0.107 | 0.109 | 0.111 | 0.111 | 0.113 | 0.105 | 0.110 | 0.108 | | |
| 4th High 1-Hr. in 3 Yrs | 0.140 | 0.140 | 0.140 | 0.140 | 0.140 | 0.140 | 0.130 | 0.120 | 0.120 | 0.110 | 0.114 | 0.125 | 0.125 | 0.125 | 0.129 | 0.127 | 0.131 | 0.111 | 0.123 | 0.119 | | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.102 | 0.109 | 0.102 | 0.100 | 0.099 | 0.102 | 0.099 | 0.095 | 0.095 | 0.095 | 0.093 | 0.095 | 0.096 | 0.096 | 0.098 | 0.095 | 0.096 | 0.091 | 0.095 | 0.096 | | |
| Maximum 1-Hr. Concentration | 0.160 | 0.150 | 0.130 | 0.150 | 0.140 | 0.130 | 0.150 | 0.120 | 0.120 | 0.130 | 0.123 | 0.131 | 0.129 | 0.120 | 0.153 | 0.119 | 0.131 | 0.124 | 0.135 | 0.119 | | |
| Max. 8-Hr. Concentration | 0.136 | 0.122 | 0.102 | 0.127 | 0.126 | 0.120 | 0.110 | 0.102 | 0.102 | 0.108 | 0.10 | 0.111 | 0.111 | 0.100 | 0.125 | 0.104 | 0.107 | 0.100 | 0.113 | 0.100 | | |
| Days Above State Standard | 56 | 57 | 39 | 77 | 64 | 41 | 32 | 33 | 27 | 19 | 28 | 28 | 39 | 15 | 35 | 19 | 16 | 16 | 31 | 21 | | |
| Days Above Nat. 1-Hr. Std. | 13 | 10 | 2 | 18 | 5 | 3 | 3 | 0 | 0 | 2 | 0 | 2 | 2 | 0 | 4 | 0 | 1 | 0 | 1 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 47 | 43 | 21 | 68 | 44 | 26 | 22 | 13 | 11 | 13 | 12 | 21 | 20 | 8 | 29 | 12 | 10 | 11 | 25 | 18 | | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | 148 | 171 | 157 | 150 | 154 | 160 | 120 | 133 | 119 | 135 | 162 | 119 | 160 | 97 | 88 | | |
| Max. 24-Hr. Concentration (Nat) | | | | | | 175 | 148 | 180 | 157 | 150 | 154 | 160 | 120 | 133 | 119 | 125 | 157 | 112 | 158 | 93 | 87 | |
| Annual Average (State) | | | | | | | 49.6 | 53.0 | 43.6 | 42.0 | 41.1 | 41.2 | 32.0 | 37.1 | 31.9 | 42.8 | 35.4 | 40.5 | 37.2 | 31.4 | | |
| Annual Average (Nat) | | | | | | | 48.4 | 52.8 | 49.1 | 53.7 | 43.6 | 42.0 | 41.1 | 41.3 | 32.0 | 37.1 | 31.0 | 41.1 | 34.9 | 39.7 | 36.6 | 30.6 |
| Calc Days Above State 24-Hr Std | | | | | | | 135 | 148 | 106 | 98 | 89 | 100 | 47 | 56 | 47 | 90 | 68 | 61 | 76 | 48 | | |
| Calc Days Above Nat 24-Hr Std | | | | | | | 7 | 0 | 6 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | | 108.0 | 77.0 | 95.0 | 87.1 | 66.9 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | | 108.0 | 77.0 | 95.0 | 83.0 | 64.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 100.0 | 71.0 | 69.0 | 69.0 | 47.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 18.7 | 15.6 | 18.7 | 14.5 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | | 24.9 | 18.7 | 15.6 | 18.7 | 14.5 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 8-Hr. Indicator | 8.5 | 9.5 | 10.4 | 10.5 | 10.6 | 11.9 | 12.4 | 12.4 | 10.1 | 9.0 | 7.7 | 7.4 | 7.0 | 6.0 | 5.5 | 6.1 | 7.0 | 6.3 | 5.3 | 4.5 | | |
| Max. 1-Hr. Concentration | 15.0 | 15.0 | 18.0 | 12.0 | 17.0 | 17.0 | 17.0 | 19.0 | 10.0 | 11.0 | 9.5 | 11.4 | 9.2 | 7.1 | 9.4 | 11.4 | 8.0 | 7.8 | 5.2 | 5.3 | | |
| Max. 8-Hr. Concentration | 8.4 | 11 | 11.3 | 8.6 | 13.1 | 13.4 | 10.9 | 10.8 | 6.5 | 8.6 | 6.3 | 5.7 | 6.5 | 5.0 | 7.3 | 6.4 | 6.0 | 6.0 | 4.5 | 3.8 | | |
| Days Above State 8-Hr. Std. | 0 | 2 | 4 | 0 | 2 | 11 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat 8-Hr. Std. | 0 | 1 | 4 | 0 | 1 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.107 | 0.111 | 0.121 | 0.126 | 0.129 | 0.126 | 0.128 | 0.119 | 0.109 | 0.108 | 0.102 | 0.102 | 0.095 | 0.096 | 0.089 | 0.103 | 0.098 | 0.100 | 0.081 | 0.087 | | |
| Max. 1-Hr. Concentration | 0.080 | 0.120 | 0.130 | 0.120 | 0.130 | 0.140 | 0.100 | 0.110 | 0.100 | 0.110 | 0.093 | 0.093 | 0.087 | 0.093 | 0.088 | 0.103 | 0.079 | 0.087 | 0.083 | 0.091 | | |
| Max. Annual Average | 0.020 | 0.022 | 0.024 | 0.024 | 0.027 | | 0.026 | 0.024 | 0.022 | 0.023 | 0.022 | 0.022 | 0.022 | 0.021 | 0.018 | 0.022 | 0.019 | 0.018 | 0.017 | 0.017 | | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | | |
| Peak 1-Hr. Indicator | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | | | | | | | | | | | | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | | | | | | | | | | | | | | |

Table A-90

*San Joaquin Valley Air Basin***County: Tulare**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.140 | 0.133 | 0.140 | 0.143 | 0.144 | 0.142 | 0.135 | 0.133 | 0.124 | 0.135 | 0.144 | 0.143 | 0.139 | 0.131 | 0.134 | 0.134 | 0.130 | 0.123 | 0.124 | 0.126 |
| Peak 8-Hour Indicator | 0.128 | 0.118 | 0.117 | 0.120 | 0.119 | 0.119 | 0.116 | 0.116 | 0.108 | 0.116 | 0.120 | 0.118 | 0.115 | 0.111 | 0.114 | 0.113 | 0.113 | 0.110 | 0.111 | 0.114 |
| 4th High 1-Hr. in 3 Yrs | 0.130 | 0.130 | 0.140 | 0.150 | 0.150 | 0.150 | 0.140 | 0.140 | 0.130 | 0.140 | 0.150 | 0.150 | 0.140 | 0.132 | 0.139 | 0.127 | 0.129 | 0.126 | 0.126 | 0.124 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.108 | 0.105 | 0.108 | 0.112 | 0.111 | 0.111 | 0.106 | 0.104 | 0.101 | 0.104 | 0.106 | 0.107 | 0.105 | 0.101 | 0.102 | 0.105 | 0.105 | 0.104 | 0.105 | 0.107 |
| Maximum 1-Hr. Concentration | 0.140 | 0.140 | 0.160 | 0.180 | 0.150 | 0.160 | 0.140 | 0.130 | 0.130 | 0.150 | 0.154 | 0.132 | 0.140 | 0.125 | 0.148 | 0.127 | 0.129 | 0.135 | 0.140 | 0.129 |
| Max. 8-Hr. Concentration | 0.117 | 0.113 | 0.121 | 0.133 | 0.117 | 0.121 | 0.115 | 0.111 | 0.106 | 0.125 | 0.119 | 0.112 | 0.111 | 0.106 | 0.122 | 0.112 | 0.108 | 0.111 | 0.117 | 0.115 |
| Days Above State Standard | 73 | 93 | 98 | 121 | 100 | 76 | 63 | 65 | 63 | 76 | 78 | 66 | 81 | 50 | 63 | 84 | 78 | 73 | 86 | 91 |
| Days Above Nat. 1-Hr. Std. | 3 | 6 | 13 | 10 | 4 | 10 | 1 | 1 | 2 | 10 | 12 | 3 | 4 | 1 | 6 | 3 | 1 | 2 | 3 | 3 |
| Days Above Nat. 8-Hr. Std. | 68 | 96 | 99 | 120 | 97 | 71 | 65 | 66 | 65 | 72 | 82 | 59 | 78 | 54 | 58 | 88 | 76 | 71 | 93 | 92 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 145 | 206 | 285 | 177 | 122 | 108 | 105 | 128 | 115 | 96 | 167 | 160 | 136 | 151 | 111 | 99 |
| Max. 24-Hr. Concentration (Nat) | | | | | 141 | 204 | 285 | 175 | 122 | 108 | 104 | 125 | 115 | 96 | 160 | 152 | 130 | 143 | 110 | 100 |
| Annual Average (State) | | | | | | | | | | 52.8 | | 52.7 | 44.5 | 41.6 | 40.4 | 55.8 | 53.7 | 52.3 | 52.4 | 43.0 |
| Annual Average (Nat) | | | | | 67.4 | 66.9 | 79.2 | 65.8 | | 52.8 | 48.2 | 52.4 | 44.5 | 41.5 | 39.9 | 54.9 | 52.7 | 51.9 | 51.9 | 42.6 |
| Calc Days Above State 24-Hr Std | | | | | | | | | | 183 | | 163 | 148 | 65 | 102 | 182 | 196 | 168 | 179 | 108 |
| Calc Days Above Nat 24-Hr Std | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | 123.0 | 105.0 | 97.0 | 82.0 | 58.9 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | 123.0 | 105.0 | 97.0 | 76.0 | 49.0 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | 114.0 | 103.0 | 96.0 | 70.0 | 47.0 | |
| Annual Average (State) | | | | | | | | | | | | | | | 23.9 | | 23.2 | 19.7 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | 27.6 | 23.9 | 22.5 | 23.2 | 18.2 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 5.5 | 5.5 | 5.7 | 5.8 | 6.0 | 6.4 | 6.5 | 6.5 | 6.0 | 5.2 | 4.4 | 4.5 | 4.5 | 4.2 | 4.0 | 4.1 | 4.1 | 4.0 | 3.5 | 3.0 |
| Max. 1-Hr. Concentration | 13.0 | 9.0 | 12.0 | 13.0 | 14.0 | 12.0 | 11.0 | 14.0 | 10.0 | 7.0 | 8.7 | 9.3 | 5.3 | 7.3 | 7.4 | 7.9 | 5.9 | 5.7 | 4.9 | 4.7 |
| Max. 8-Hr. Concentration | 5.4 | 5.5 | 6.9 | 5.8 | 8.0 | 6.4 | 6.7 | 6.1 | 4.8 | 4.0 | 4.4 | 4.4 | 4.0 | 4.1 | 3.8 | 4.1 | 4.2 | 3.7 | 2.9 | 3.0 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.114 | 0.120 | 0.117 | 0.114 | 0.118 | 0.138 | 0.137 | 0.130 | 0.109 | 0.111 | 0.113 | 0.115 | 0.119 | 0.115 | 0.089 | 0.100 | 0.098 | 0.096 | 0.092 | 0.096 |
| Max. 1-Hr. Concentration | 0.110 | 0.140 | 0.110 | 0.110 | 0.170 | 0.210 | 0.100 | 0.130 | 0.100 | 0.120 | 0.142 | 0.112 | 0.077 | 0.095 | 0.081 | 0.092 | 0.079 | 0.075 | 0.095 | 0.087 |
| Max. Annual Average | 0.023 | 0.022 | 0.025 | 0.019 | 0.022 | 0.020 | 0.021 | 0.022 | 0.020 | 0.023 | | 0.023 | 0.018 | 0.019 | 0.017 | 0.021 | 0.018 | 0.018 | 0.019 | 0.018 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.02 | 0.03 | 0.03 | 0.04 | 0.02 | 0.02 | | | | | | | | | | | | | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | | | | |
| Max. 24-Hr. Concentration | 0.01 | 0.05 | 0.01 | 0.02 | 0.01 | 0.01 | | | | | | | | | | | | | | |

South Central Coast Air Basin

County: San Luis Obispo

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.099 | 0.101 | 0.098 | 0.097 | 0.099 | 0.108 | 0.105 | 0.104 | 0.100 | 0.099 | 0.096 | 0.098 | 0.108 | 0.109 | 0.116 | 0.114 | 0.114 | 0.093 | 0.094 | 0.094 |
| Peak 8-Hour Indicator | 0.085 | 0.085 | 0.082 | 0.083 | 0.085 | 0.095 | 0.091 | 0.091 | 0.086 | 0.081 | 0.081 | 0.083 | 0.095 | 0.096 | 0.103 | 0.099 | 0.100 | 0.078 | 0.081 | 0.080 |
| 4th High 1-Hr. in 3 Yrs | 0.100 | 0.110 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.110 | 0.100 | 0.100 | 0.098 | 0.097 | 0.107 | 0.107 | 0.114 | 0.113 | 0.113 | 0.092 | 0.092 | 0.092 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.075 | 0.075 | 0.072 | 0.072 | 0.075 | 0.073 | 0.075 | 0.083 | 0.078 | 0.075 | 0.074 | 0.074 | 0.080 | 0.079 | 0.086 | 0.082 | 0.081 | 0.072 | 0.073 | 0.074 |
| Maximum 1-Hr. Concentration | 0.160 | 0.110 | 0.100 | 0.130 | 0.100 | 0.150 | 0.100 | 0.110 | 0.110 | 0.100 | 0.101 | 0.108 | 0.141 | 0.090 | 0.129 | 0.099 | 0.084 | 0.094 | 0.093 | 0.097 |
| Max. 8-Hr. Concentration | 0.093 | 0.088 | 0.096 | 0.111 | 0.086 | 0.122 | 0.082 | 0.101 | 0.098 | 0.088 | 0.089 | 0.087 | 0.117 | 0.077 | 0.113 | 0.083 | 0.080 | 0.081 | 0.083 | 0.089 |
| Days Above State Standard | 2 | 3 | 5 | 3 | 6 | 8 | 2 | 4 | 3 | 4 | 2 | 7 | 14 | 0 | 25 | 2 | 0 | 0 | 0 | 2 |
| Days Above Nat. 1-Hr. Std. | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 2 | 1 | 3 | 2 | 1 | 8 | 0 | 2 | 1 | 2 | 1 | 1 | 10 | 0 | 21 | 0 | 0 | 0 | 0 | 1 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 63 | 63 | 79 | 75 | 135 | 141 | 78 | 73 | 90 | 75 | 55 | 58 | 80 | 70 | 46 | 70 |
| Max. 24-Hr. Concentration (Nat) | | | | | 63 | 84 | 86 | 119 | 135 | 141 | 78 | 73 | 98 | 99 | 70 | 90 | 113 | 89 | 178 | 78 |
| Annual Average (State) | | | | | | | 21.0 | 24.4 | 30.4 | 28.8 | 22.3 | 21.4 | 18.7 | 20.9 | 17.7 | 21.3 | 21.2 | 21.1 | 20.2 | |
| Annual Average (Nat) | | | | | 22.5 | 29.2 | 30.3 | 26.5 | 30.4 | 42.8 | 22.4 | 23.0 | 19.1 | 24.2 | 22.3 | 27.2 | 21.6 | 24.8 | 20.4 | 24.5 |
| Calc Days Above State 24-Hr Std | | | | | | | 0 | 6 | 51 | 53 | 6 | 18 | 0 | 7 | 6 | 13 | 12 | 0 | 6 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 27.5 | 52.7 | 57.7 | 28.0 | 29.2 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 27.5 | 52.7 | 57.7 | 28.0 | 29.2 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 27.3 | 41.0 | 50.7 | 25.7 | 21.7 |
| Annual Average (State) | | | | | | | | | | | | | | | | 9.6 | 10.1 | 9.2 | 8.2 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 9.6 | 10.3 | 10.1 | 9.3 | 8.2 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 4.7 | 5.2 | 5.2 | 5.2 | 4.7 | 4.9 | 5.1 | 4.8 | 4.2 | 3.6 | 3.2 | 2.9 | 2.9 | 2.6 | 2.6 | 2.7 | 2.7 | 2.6 | 2.2 | 2.0 |
| Max. 1-Hr. Concentration | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 8.0 | 8.0 | 9.0 | 6.1 | 5.7 | 5.0 | 6.4 | 4.4 | 5.3 | 3.9 | 8.3 | 3.5 | 3.1 |
| Max. 8-Hr. Concentration | 4.7 | 4.7 | 4.9 | 3.9 | 4.3 | 6.3 | 4.1 | 3.3 | 3.1 | 3.2 | 3.2 | 3.1 | 2.9 | 2.6 | 2.3 | 3.1 | 2.4 | 2.0 | 2.4 | 1.5 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.081 | 0.088 | 0.089 | 0.090 | 0.085 | 0.085 | 0.084 | 0.078 | 0.074 | 0.072 | 0.070 | 0.070 | 0.065 | 0.063 | 0.064 | 0.073 | 0.070 | 0.069 | 0.060 | 0.062 |
| Max. 1-Hr. Concentration | 0.090 | 0.100 | 0.090 | 0.080 | 0.090 | 0.090 | 0.070 | 0.080 | 0.060 | 0.070 | 0.069 | 0.069 | 0.060 | 0.071 | 0.061 | 0.070 | 0.059 | 0.061 | 0.060 | 0.064 |
| Max. Annual Average | 0.015 | 0.017 | 0.015 | 0.015 | 0.016 | 0.016 | 0.010 | 0.011 | 0.015 | 0.014 | 0.014 | 0.013 | 0.012 | 0.012 | 0.014 | 0.012 | 0.012 | 0.011 | 0.009 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.10 | 0.34 | 0.32 | 0.32 | 0.25 | 0.16 | 0.16 | 0.14 | 0.13 | 0.13 | 0.03 | 0.16 | 0.17 | 0.16 | 0.16 | 0.14 | 0.14 | 0.14 | 0.16 | 0.14 |
| Max. Annual Average | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max. 24-Hr. Concentration | 0.02 | 0.07 | 0.06 | 0.03 | 0.04 | 0.02 | 0.09 | 0.02 | 0.02 | 0.05 | 0.01 | 0.04 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 | 0.02 | 0.02 |

Table A-92

South Central Coast Air Basin**County: Santa Barbara**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.143 | 0.142 | 0.136 | 0.134 | 0.129 | 0.140 | 0.140 | 0.137 | 0.131 | 0.121 | 0.123 | 0.122 | 0.128 | 0.122 | 0.117 | 0.104 | 0.103 | 0.100 | 0.103 | 0.105 |
| Peak 8-Hour Indicator | 0.102 | 0.106 | 0.107 | 0.105 | 0.103 | 0.105 | 0.109 | 0.108 | 0.107 | 0.101 | 0.102 | 0.103 | 0.107 | 0.104 | 0.098 | 0.091 | 0.090 | 0.087 | 0.090 | 0.092 |
| 4th High 1-Hr. in 3 Yrs | 0.150 | 0.150 | 0.150 | 0.140 | 0.130 | 0.147 | 0.153 | 0.153 | 0.137 | 0.123 | 0.129 | 0.126 | 0.130 | 0.130 | 0.130 | 0.108 | 0.108 | 0.101 | 0.101 | 0.103 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.093 | 0.096 | 0.098 | 0.095 | 0.095 | 0.097 | 0.099 | 0.099 | 0.096 | 0.091 | 0.092 | 0.090 | 0.094 | 0.089 | 0.087 | 0.082 | 0.081 | 0.080 | 0.082 | 0.084 |
| Maximum 1-Hr. Concentration | 0.160 | 0.230 | 0.160 | 0.185 | 0.130 | 0.220 | 0.165 | 0.134 | 0.140 | 0.135 | 0.142 | 0.143 | 0.134 | 0.137 | 0.130 | 0.135 | 0.128 | 0.117 | 0.113 | 0.107 |
| Max. 8-Hr. Concentration | 0.118 | 0.140 | 0.128 | 0.141 | 0.102 | 0.176 | 0.141 | 0.113 | 0.125 | 0.110 | 0.116 | 0.118 | 0.122 | 0.108 | 0.120 | 0.110 | 0.087 | 0.106 | 0.090 | 0.102 |
| Days Above State Standard | 21 | 15 | 36 | 37 | 43 | 42 | 40 | 38 | 27 | 23 | 23 | 24 | 23 | 10 | 15 | 3 | 6 | 5 | 3 | 7 |
| Days Above Nat. 1-Hr. Std. | 4 | 3 | 7 | 4 | 3 | 9 | 4 | 6 | 5 | 1 | 5 | 3 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 12 | 9 | 26 | 25 | 28 | 28 | 27 | 25 | 17 | 13 | 11 | 16 | 19 | 4 | 6 | 2 | 2 | 3 | 5 | 5 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 132 | 119 | 96 | 96 | 89 | 90 | 139 | 129 | 78 | 168 | 75 | 52 | 54 | 68 | 50 | 98 |
| Max. 24-Hr. Concentration (Nat) | | | | | 132 | 119 | 96 | 96 | 89 | 90 | 139 | 129 | 78 | 168 | 73 | 51 | 53 | 66 | 49 | 96 |
| Annual Average (State) | | | | | 28.7 | 33.8 | 36.9 | 25.7 | 32.6 | 29.3 | 26.8 | 25.4 | 28.6 | 29.7 | 26.1 | 29.5 | 26.6 | 27.4 | 24.3 | 25.2 |
| Annual Average (Nat) | | | | | 33.6 | 33.8 | 36.6 | 36.8 | 32.6 | 29.4 | 32.5 | 31.1 | 28.6 | 29.8 | 25.0 | 28.5 | 25.8 | 26.5 | 23.5 | 24.4 |
| Calc Days Above State 24-Hr Std | | | | | 19 | 26 | 25 | 6 | 57 | 41 | 7 | 13 | 18 | 12 | 18 | 12 | 18 | 18 | 0 | 6 |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 24.3 | 28.7 | 43.2 | 21.3 | 24.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 24.3 | 28.7 | 43.2 | 21.3 | 24.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | | 19.3 | 23.4 | 19.4 | 16.1 |
| Annual Average (State) | | | | | | | | | | | | | | | | | 9.8 | 10.4 | 9.5 | 8.6 |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 9.8 | 10.4 | 9.6 | 8.6 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 9.6 | 10.2 | 9.9 | 10.1 | 9.0 | 8.8 | 8.2 | 7.5 | 6.4 | 5.5 | 5.9 | 6.0 | 5.8 | 5.0 | 4.8 | 4.5 | 4.7 | 1.6 | 1.6 | 2.4 |
| Max. 1-Hr. Concentration | 16.0 | 17.0 | 18.0 | 14.0 | 15.0 | 11.0 | 11.0 | 9.0 | 12.0 | 9.0 | 10.7 | 7.8 | 12.6 | 8.2 | 8.5 | 8.2 | 5.8 | 5.4 | 3.4 | 5.9 |
| Max. 8-Hr. Concentration | 10.0 | 10.5 | 8.6 | 7.5 | 7.4 | 7.4 | 5.8 | 6.4 | 5.9 | 4.8 | 6.5 | 5.8 | 4.9 | 4.0 | 4.6 | 4.2 | 3.1 | 1.9 | 1.8 | 2.3 |
| Days Above State 8-Hr. Std. | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.113 | 0.116 | 0.113 | 0.108 | 0.094 | 0.119 | 0.119 | 0.120 | 0.104 | 0.099 | 0.089 | 0.091 | 0.091 | 0.085 | 0.081 | 0.078 | 0.081 | 0.058 | 0.052 | 0.063 |
| Max. 1-Hr. Concentration | 0.170 | 0.160 | 0.150 | 0.140 | 0.160 | 0.120 | 0.110 | 0.160 | 0.100 | 0.090 | 0.100 | 0.113 | 0.107 | 0.065 | 0.089 | 0.096 | 0.124 | 0.113 | 0.063 | 0.059 |
| Max. Annual Average | 0.031 | 0.030 | 0.022 | 0.017 | 0.012 | 0.027 | 0.015 | 0.024 | 0.022 | 0.022 | 0.022 | 0.021 | 0.019 | 0.019 | 0.021 | 0.022 | 0.012 | 0.010 | 0.011 | 0.011 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.05 | 0.05 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Max. Annual Average | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max. 24-Hr. Concentration | 0.02 | 0.03 | 0.04 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 |

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South Central Coast Air Basin

County: Ventura

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.188 | 0.181 | 0.177 | 0.172 | 0.176 | 0.173 | 0.172 | 0.164 | 0.159 | 0.157 | 0.147 | 0.162 | 0.161 | 0.153 | 0.143 | 0.135 | 0.132 | 0.126 | 0.125 | 0.124 |
| Peak 8-Hour Indicator | 0.149 | 0.145 | 0.147 | 0.146 | 0.144 | 0.142 | 0.144 | 0.141 | 0.133 | 0.133 | 0.120 | 0.132 | 0.134 | 0.133 | 0.123 | 0.114 | 0.112 | 0.107 | 0.106 | 0.103 |
| 4th High 1-Hr. in 3 Yrs | 0.210 | 0.190 | 0.180 | 0.180 | 0.180 | 0.170 | 0.170 | 0.170 | 0.150 | 0.150 | 0.146 | 0.157 | 0.158 | 0.152 | 0.144 | 0.134 | 0.132 | 0.128 | 0.124 | 0.124 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.137 | 0.132 | 0.131 | 0.129 | 0.131 | 0.132 | 0.130 | 0.127 | 0.118 | 0.115 | 0.112 | 0.117 | 0.119 | 0.115 | 0.112 | 0.106 | 0.105 | 0.101 | 0.097 | 0.095 |
| Maximum 1-Hr. Concentration | 0.190 | 0.200 | 0.180 | 0.180 | 0.180 | 0.230 | 0.170 | 0.170 | 0.150 | 0.146 | 0.164 | 0.169 | 0.158 | 0.134 | 0.174 | 0.132 | 0.128 | 0.129 | 0.132 | 0.130 |
| Max. 8-Hr. Concentration | 0.158 | 0.156 | 0.145 | 0.153 | 0.142 | 0.166 | 0.143 | 0.140 | 0.123 | 0.129 | 0.132 | 0.144 | 0.127 | 0.114 | 0.151 | 0.112 | 0.108 | 0.113 | 0.109 | 0.114 |
| Days Above State Standard | 132 | 136 | 149 | 123 | 135 | 116 | 99 | 107 | 68 | 58 | 88 | 90 | 80 | 59 | 41 | 33 | 38 | 34 | 22 | 41 |
| Days Above Nat. 1-Hr. Std. | 45 | 44 | 59 | 31 | 55 | 46 | 18 | 33 | 10 | 13 | 17 | 23 | 17 | 2 | 5 | 2 | 1 | 2 | 1 | 2 |
| Days Above Nat. 8-Hr. Std. | 108 | 111 | 120 | 88 | 110 | 94 | 70 | 92 | 57 | 46 | 64 | 67 | 65 | 46 | 30 | 23 | 30 | 24 | 15 | 31 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 118 | 92 | 133 | 90 | 84 | 118 | 86 | 94 | 93 | 321 | 111 | 86 | 102 | 77 | 100 | 169 |
| Max. 24-Hr. Concentration (Nat) | | | | | 118 | 92 | 133 | 90 | 84 | 118 | 78 | 94 | 93 | 321 | 110 | 84 | 100 | 78 | 97 | 149 |
| Annual Average (State) | | | | | 40.3 | 41.6 | 36.1 | 40.0 | 33.0 | 29.1 | 31.6 | 30.9 | 29.3 | 36.5 | 24.4 | 28.8 | 31.2 | 28.8 | 28.6 | 30.0 |
| Annual Average (Nat) | | | | | 41.6 | 41.5 | 36.1 | 39.9 | 33.2 | 29.1 | 30.5 | 28.4 | 29.3 | 37.0 | 24.4 | 31.3 | 31.0 | 31.5 | 28.9 | 30.7 |
| Calc Days Above State 24-Hr Std | | | | | 102 | 139 | 66 | 99 | 43 | 30 | 24 | 57 | 29 | 47 | 12 | 13 | 39 | 18 | 19 | 31 |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 64.6 | 55.3 | 50.0 | 46.4 | 116.0 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 64.6 | 55.3 | 50.0 | 46.4 | 116.0 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 35.4 | 40.0 | 35.2 | 33.4 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | | 14.9 | 12.4 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 13.8 | 14.9 | 14.6 | 14.2 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 6.0 | 5.9 | 6.2 | 5.7 | 5.7 | 4.9 | 4.9 | 4.7 | 4.5 | 3.9 | 3.6 | 4.0 | 4.0 | 3.9 | 3.6 | 3.3 | 3.4 | 3.1 | 2.7 | 2.7 |
| Max. 1-Hr. Concentration | 12.0 | 12.0 | 15.0 | 12.0 | 9.0 | 10.0 | 10.0 | 9.0 | 7.0 | 9.0 | 7.7 | 8.9 | 7.8 | 7.4 | 7.2 | 6.8 | 6.2 | 4.4 | 5.7 | 7.2 |
| Max. 8-Hr. Concentration | 5.0 | 6.0 | 7.0 | 5.7 | 4.4 | 4.1 | 5.0 | 4.3 | 3.0 | 3.7 | 4.2 | 4.3 | 3.4 | 3.8 | 3.5 | 3.6 | 4.3 | 3.4 | 2.3 | 3.6 |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.140 | 0.136 | 0.132 | 0.130 | 0.123 | 0.117 | 0.119 | 0.120 | 0.114 | 0.104 | 0.104 | 0.112 | 0.114 | 0.110 | 0.097 | 0.089 | 0.086 | 0.083 | 0.079 | 0.073 |
| Max. 1-Hr. Concentration | 0.200 | 0.120 | 0.130 | 0.150 | 0.110 | 0.120 | 0.160 | 0.110 | 0.100 | 0.110 | 0.133 | 0.127 | 0.110 | 0.115 | 0.097 | 0.099 | 0.095 | 0.080 | 0.064 | 0.103 |
| Max. Annual Average | 0.009 | 0.015 | 0.016 | 0.024 | 0.027 | 0.025 | 0.024 | 0.012 | 0.023 | 0.020 | 0.024 | 0.015 | 0.020 | 0.019 | 0.017 | 0.020 | 0.019 | 0.017 | 0.015 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max. 24-Hr. Concentration | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |

Table A-94

South Coast Air Basin**County: Los Angeles**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.354 | 0.375 | 0.360 | 0.344 | 0.319 | 0.320 | 0.310 | 0.304 | 0.286 | 0.297 | 0.279 | 0.249 | 0.230 | 0.229 | 0.217 | 0.193 | 0.193 | 0.164 | 0.171 | 0.176 |
| Peak 8-Hour Indicator | 0.254 | 0.252 | 0.251 | 0.243 | 0.230 | 0.213 | 0.212 | 0.209 | 0.200 | 0.200 | 0.192 | 0.174 | 0.165 | 0.163 | 0.157 | 0.140 | 0.140 | 0.129 | 0.140 | 0.146 |
| 4th High 1-Hr. in 3 Yrs | 0.360 | 0.360 | 0.350 | 0.350 | 0.340 | 0.330 | 0.330 | 0.310 | 0.300 | 0.300 | 0.280 | 0.250 | 0.223 | 0.209 | 0.200 | 0.188 | 0.188 | 0.169 | 0.169 | 0.180 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.225 | 0.226 | 0.222 | 0.217 | 0.205 | 0.192 | 0.186 | 0.179 | 0.177 | 0.177 | 0.168 | 0.156 | 0.145 | 0.135 | 0.133 | 0.118 | 0.115 | 0.112 | 0.121 | 0.126 |
| Maximum 1-Hr. Concentration | 0.340 | 0.390 | 0.350 | 0.330 | 0.340 | 0.340 | 0.290 | 0.320 | 0.300 | 0.280 | 0.300 | 0.216 | 0.205 | 0.170 | 0.222 | 0.154 | 0.174 | 0.190 | 0.169 | 0.194 |
| Max. 8-Hr. Concentration | 0.226 | 0.288 | 0.251 | 0.210 | 0.258 | 0.235 | 0.177 | 0.183 | 0.218 | 0.185 | 0.208 | 0.158 | 0.150 | 0.130 | 0.171 | 0.108 | 0.146 | 0.134 | 0.144 | 0.152 |
| Days Above State Standard | 196 | 201 | 209 | 190 | 205 | 192 | 168 | 159 | 174 | 158 | 142 | 127 | 109 | 89 | 68 | 43 | 57 | 70 | 86 | 101 |
| Days Above Nat. 1-Hr. Std. | 153 | 154 | 162 | 147 | 165 | 140 | 120 | 111 | 129 | 102 | 102 | 79 | 55 | 27 | 35 | 6 | 12 | 17 | 36 | 47 |
| Days Above Nat. 8-Hr. Std. | 160 | 164 | 177 | 158 | 181 | 150 | 131 | 128 | 139 | 108 | 118 | 92 | 68 | 43 | 46 | 19 | 27 | 35 | 56 | 80 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 149 | 172 | 161 | 151 | 222 | 104 | 127 | 157 | 138 | 116 | 87 | 103 | 105 | 106 | 121 | 119 |
| Max. 24-Hr. Concentration (Nat) | | | | | 149 | 172 | 161 | 151 | 222 | 104 | 127 | 157 | 138 | 116 | 87 | 103 | 105 | 106 | 121 | 119 |
| Annual Average (State) | | | | | 63.8 | 54.9 | 54.9 | 48.7 | 47.4 | 45.3 | 48.6 | 45.4 | 46.1 | 37.8 | 56.3 | 40.0 | 44.2 | 37.7 | 44.4 | |
| Annual Average (Nat) | | | | | 63.1 | 63.8 | 55.0 | 65.9 | 48.8 | 47.4 | 45.3 | 47.7 | 45.5 | 46.1 | 40.6 | 56.3 | 46.3 | 45.3 | 45.8 | 44.4 |
| Calc Days Above State 24-Hr Std | | | | | 249 | 187 | 183 | 146 | 155 | 145 | 143 | 153 | 149 | 67 | 213 | 92 | 119 | 71 | 124 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 6 | 6 | 0 | 11 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 85.6 | 92.5 | 104.0 | 80.2 | 121.2 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 85.6 | 92.5 | 94.7 | 72.4 | 121.2 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 53.2 | 83.0 | 69.4 | 57.9 | 61.3 |
| Annual Average (State) | | | | | | | | | | | | | | | | 24.0 | 24.8 | 24.0 | 20.3 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 25.7 | 24.0 | 25.2 | 24.0 | 22.1 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 20.2 | 21.1 | 21.1 | 21.7 | 21.9 | 22.5 | 21.9 | 19.0 | 17.7 | 16.5 | 16.7 | 15.6 | 16.1 | 15.4 | 15.4 | 13.7 | 12.6 | 11.2 | 9.4 | 8.7 |
| Max. 1-Hr. Concentration | 29.0 | 33.0 | 27.0 | 26.0 | 32.0 | 31.0 | 24.0 | 30.0 | 28.0 | 21.0 | 24.9 | 16.8 | 22.5 | 19.2 | 17.0 | 19.0 | 13.5 | 11.7 | 15.8 | 12.2 |
| Max. 8-Hr. Concentration | 19.7 | 27.7 | 19.7 | 19.6 | 27.5 | 21.8 | 16.8 | 17.4 | 18.8 | 14.6 | 18.2 | 13.8 | 17.5 | 17.1 | 13.3 | 11.2 | 10.1 | 7.6 | 10.1 | 7.3 |
| Days Above State 8-Hr. Std. | 77 | 62 | 57 | 50 | 70 | 70 | 49 | 51 | 39 | 29 | 27 | 17 | 26 | 18 | 13 | 11 | 6 | 0 | 1 | 0 |
| Days Above Nat. 8-Hr. Std. | 63 | 53 | 49 | 40 | 63 | 67 | 41 | 41 | 34 | 19 | 19 | 14 | 19 | 13 | 10 | 7 | 3 | 0 | 1 | 0 |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.324 | 0.317 | 0.303 | 0.311 | 0.335 | 0.322 | 0.324 | 0.312 | 0.311 | 0.285 | 0.241 | 0.229 | 0.242 | 0.237 | 0.202 | 0.180 | 0.168 | 0.166 | 0.162 | 0.157 |
| Max. 1-Hr. Concentration | 0.350 | 0.350 | 0.330 | 0.420 | 0.540 | 0.340 | 0.280 | 0.380 | 0.300 | 0.260 | 0.247 | 0.239 | 0.250 | 0.200 | 0.170 | 0.212 | 0.173 | 0.251 | 0.262 | 0.163 |
| Max. Annual Average | 0.057 | 0.060 | 0.061 | 0.055 | 0.061 | 0.057 | 0.055 | 0.055 | 0.051 | 0.050 | 0.050 | 0.046 | 0.042 | 0.043 | 0.043 | 0.051 | 0.044 | 0.041 | 0.040 | 0.035 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.11 | 0.10 | 0.09 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.11 | 0.10 | 0.10 | 0.06 | 0.05 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 |
| Max. Annual Average | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max. 24-Hr. Concentration | 0.06 | 0.04 | 0.04 | 0.02 | 0.04 | 0.02 | 0.04 | 0.02 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 |

Table A-95

A portion of Los Angeles County lies within the Mojave Desert Air Basin.

South Coast Air Basin

County: Orange

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.297 | 0.295 | 0.274 | 0.267 | 0.246 | 0.235 | 0.227 | 0.219 | 0.205 | 0.197 | 0.189 | 0.163 | 0.156 | 0.137 | 0.141 | 0.131 | 0.131 | 0.113 | 0.117 | 0.124 |
| Peak 8-Hour Indicator | 0.196 | 0.195 | 0.180 | 0.174 | 0.163 | 0.159 | 0.154 | 0.145 | 0.139 | 0.133 | 0.134 | 0.120 | 0.112 | 0.101 | 0.101 | 0.094 | 0.095 | 0.094 | 0.091 | 0.096 |
| 4th High 1-Hr. in 3 Yrs | 0.290 | 0.280 | 0.270 | 0.260 | 0.240 | 0.240 | 0.240 | 0.220 | 0.210 | 0.190 | 0.190 | 0.170 | 0.156 | 0.138 | 0.144 | 0.130 | 0.127 | 0.114 | 0.119 | 0.131 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.163 | 0.166 | 0.157 | 0.152 | 0.142 | 0.141 | 0.138 | 0.127 | 0.120 | 0.114 | 0.117 | 0.107 | 0.100 | 0.088 | 0.088 | 0.084 | 0.084 | 0.080 | 0.080 | 0.086 |
| Maximum 1-Hr. Concentration | 0.320 | 0.340 | 0.250 | 0.240 | 0.290 | 0.260 | 0.210 | 0.250 | 0.220 | 0.190 | 0.252 | 0.160 | 0.150 | 0.134 | 0.182 | 0.116 | 0.137 | 0.125 | 0.136 | 0.165 |
| Max. 8-Hr. Concentration | 0.177 | 0.208 | 0.158 | 0.165 | 0.195 | 0.167 | 0.142 | 0.145 | 0.158 | 0.122 | 0.172 | 0.109 | 0.103 | 0.100 | 0.115 | 0.091 | 0.110 | 0.097 | 0.093 | 0.105 |
| Days Above State Standard | 107 | 101 | 101 | 81 | 96 | 81 | 80 | 71 | 63 | 59 | 46 | 39 | 27 | 13 | 22 | 8 | 14 | 12 | 9 | 19 |
| Days Above Nat. 1-Hr. Std. | 65 | 63 | 53 | 42 | 45 | 38 | 37 | 32 | 35 | 17 | 9 | 4 | 6 | 3 | 6 | 0 | 2 | 1 | 2 | 5 |
| Days Above Nat. 8-Hr. Std. | 75 | 66 | 62 | 54 | 50 | 44 | 39 | 36 | 35 | 25 | 15 | 8 | 9 | 3 | 6 | 1 | 6 | 4 | 1 | 10 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 88 | 88 | 158 | 146 | 88 | 115 | 106 | 172 | 101 | 91 | 81 | 122 | 126 | 93 | 80 | 96 |
| Max. 24-Hr. Concentration (Nat) | | | | | 132 | 138 | 158 | 146 | 88 | 115 | 106 | 172 | 101 | 91 | 81 | 122 | 126 | 93 | 80 | 96 |
| Annual Average (State) | | | | | 41.7 | | 45.5 | 34.4 | 38.3 | 37.5 | 43.3 | 35.2 | 38.8 | 35.8 | 36.7 | 39.9 | 26.4 | 33.6 | 32.7 | |
| Annual Average (Nat) | | | | | 46.0 | 46.9 | 48.1 | 45.9 | 40.0 | 38.3 | 37.5 | 43.5 | 35.2 | 38.8 | 35.8 | 36.7 | 39.6 | 26.5 | 33.5 | 32.8 |
| Calc Days Above State 24-Hr Std | | | | | 122 | | 89 | 31 | 78 | 67 | 86 | 37 | 66 | 72 | 37 | 48 | 18 | 31 | 37 | |
| Calc Days Above Nat 24-Hr Std | | | | | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 68.6 | 113.9 | 70.8 | 68.6 | 115.5 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 68.6 | 113.9 | 70.8 | 68.6 | 115.5 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 66.3 | 45.6 | 48.1 | 51.8 | |
| Annual Average (State) | | | | | | | | | | | | | | | | 14.7 | | 18.6 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 20.3 | 22.0 | 18.6 | 17.3 | |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 11.8 | 11.6 | 11.0 | 11.3 | 10.9 | 11.5 | 11.5 | 10.8 | 9.4 | 8.8 | 8.7 | 8.2 | 8.5 | 7.3 | 6.7 | 6.4 | 6.7 | 6.6 | 5.8 | 4.6 |
| Max. 1-Hr. Concentration | 21.0 | 22.0 | 20.0 | 21.0 | 20.0 | 24.0 | 19.0 | 21.0 | 21.0 | 15.0 | 16.1 | 12.7 | 12.9 | 11.9 | 15.0 | 11.4 | 13.8 | 10.7 | 10.2 | 8.4 |
| Max. 8-Hr. Concentration | 14.4 | 17.0 | 10.4 | 10.6 | 12.0 | 12.1 | 11.7 | 8.6 | 9.4 | 7.7 | 8.6 | 8.0 | 7.4 | 6.0 | 7.1 | 6.4 | 6.7 | 4.7 | 5.3 | 5.9 |
| Days Above State 8-Hr. Std. | 7 | 9 | 4 | 3 | 9 | 13 | 6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 5 | 7 | 4 | 2 | 7 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.266 | 0.252 | 0.236 | 0.240 | 0.238 | 0.241 | 0.235 | 0.231 | 0.221 | 0.220 | 0.201 | 0.196 | 0.188 | 0.171 | 0.141 | 0.143 | 0.149 | 0.150 | 0.124 | 0.129 |
| Max. 1-Hr. Concentration | 0.250 | 0.300 | 0.210 | 0.220 | 0.280 | 0.280 | 0.220 | 0.200 | 0.210 | 0.200 | 0.230 | 0.192 | 0.160 | 0.145 | 0.135 | 0.165 | 0.139 | 0.130 | 0.116 | 0.158 |
| Max. Annual Average | 0.046 | 0.043 | 0.045 | 0.042 | 0.046 | 0.047 | 0.047 | 0.045 | 0.039 | 0.039 | 0.041 | 0.039 | 0.035 | 0.033 | 0.034 | 0.035 | 0.029 | 0.027 | 0.024 | 0.028 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | |
| Max. Annual Average | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Max. 24-Hr. Concentration | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | |

Table A-96

South Coast Air Basin**County: Riverside**

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Peak 1-Hour Indicator | 0.333 | 0.332 | 0.308 | 0.297 | 0.276 | 0.269 | 0.263 | 0.261 | 0.251 | 0.240 | 0.222 | 0.207 | 0.192 | 0.188 | 0.188 | 0.176 | 0.171 | 0.154 | 0.154 | 0.158 |
| Peak 8-Hour Indicator | 0.228 | 0.228 | 0.207 | 0.209 | 0.205 | 0.205 | 0.198 | 0.196 | 0.194 | 0.189 | 0.170 | 0.162 | 0.151 | 0.146 | 0.150 | 0.143 | 0.141 | 0.130 | 0.125 | 0.131 |
| 4th High 1-Hr. in 3 Yrs | 0.330 | 0.330 | 0.320 | 0.290 | 0.270 | 0.270 | 0.270 | 0.270 | 0.250 | 0.240 | 0.240 | 0.220 | 0.200 | 0.187 | 0.187 | 0.170 | 0.166 | 0.149 | 0.149 | 0.157 |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.201 | 0.209 | 0.197 | 0.191 | 0.180 | 0.180 | 0.177 | 0.175 | 0.169 | 0.165 | 0.157 | 0.149 | 0.140 | 0.135 | 0.129 | 0.124 | 0.114 | 0.111 | 0.113 | 0.118 |
| Maximum 1-Hr. Concentration | 0.320 | 0.350 | 0.270 | 0.290 | 0.280 | 0.270 | 0.290 | 0.240 | 0.260 | 0.260 | 0.253 | 0.213 | 0.203 | 0.187 | 0.195 | 0.144 | 0.164 | 0.152 | 0.160 | 0.169 |
| Max. 8-Hr. Concentration | 0.202 | 0.23 | 0.217 | 0.186 | 0.241 | 0.213 | 0.181 | 0.196 | 0.193 | 0.195 | 0.208 | 0.161 | 0.162 | 0.148 | 0.169 | 0.123 | 0.126 | 0.135 | 0.130 | 0.146 |
| Days Above State Standard | 182 | 177 | 174 | 175 | 191 | 182 | 150 | 155 | 159 | 157 | 144 | 134 | 107 | 128 | 80 | 83 | 93 | 97 | 93 | 102 |
| Days Above Nat. 1-Hr. Std. | 132 | 132 | 118 | 125 | 133 | 119 | 97 | 99 | 99 | 86 | 90 | 69 | 50 | 40 | 40 | 9 | 23 | 28 | 22 | 37 |
| Days Above Nat. 8-Hr. Std. | 156 | 159 | 146 | 151 | 152 | 148 | 122 | 132 | 135 | 124 | 127 | 99 | 84 | 106 | 65 | 56 | 70 | 73 | 67 | 85 |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | 252 | 252 | 250 | 179 | 126 | 231 | 161 | 219 | 162 | 163 | 116 | 153 | 139 | 219 | 130 | 164 |
| Max. 24-Hr. Concentration (Nat) | | | | | 252 | 252 | 250 | 179 | 126 | 231 | 161 | 219 | 162 | 163 | 116 | 153 | 139 | 219 | 130 | 164 |
| Annual Average (State) | | | | | 94.0 | 78.2 | 76.0 | 62.0 | 72.5 | 65.5 | 68.8 | 61.5 | 65.3 | | 72.2 | 60.1 | 62.9 | 58.4 | 56.9 | |
| Annual Average (Nat) | | | | | 94.5 | 93.0 | 78.2 | 76.1 | 62.6 | 72.5 | 65.5 | 68.8 | 62.8 | 65.6 | 46.2 | 72.2 | 59.1 | 63.3 | 58.1 | 55.6 |
| Calc Days Above State 24-Hr Std | | | | | 305 | 275 | 250 | 233 | 251 | 244 | 226 | 251 | 257 | | 261 | 248 | 240 | 251 | 211 | |
| Calc Days Above Nat 24-Hr Std | | | | | 30 | 34 | 18 | 12 | 0 | 18 | 6 | 25 | 6 | 6 | 0 | 0 | 0 | 6 | 0 | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 111.2 | 119.6 | 98.0 | 77.6 | 104.3 |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 111.2 | 119.6 | 98.0 | 77.6 | 104.3 |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 75.4 | 77.1 | 74.3 | 66.3 | 76.6 |
| Annual Average (State) | | | | | | | | | | | | | | | | | | | 24.8 | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | 31.0 | 28.3 | 30.9 | 27.4 | 24.8 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 8-Hr. Indicator | 8.3 | 7.9 | 8.4 | 8.7 | 8.7 | 8.5 | 8.1 | 8.0 | 6.9 | 6.6 | 6.3 | 6.2 | 6.2 | 5.9 | 5.3 | 4.7 | 4.7 | 4.4 | 4.7 | 3.9 |
| Max. 1-Hr. Concentration | 16.0 | 14.0 | 18.0 | 13.0 | 17.0 | 14.0 | 15.0 | 14.0 | 11.0 | 10.0 | 11.0 | 9.0 | 9.1 | 10.7 | 6.4 | 7.4 | 8.8 | 5.8 | 6.5 | 4.6 |
| Max. 8-Hr. Concentration | 8.9 | 9.1 | 8.3 | 7.6 | 10.0 | 10.3 | 7.3 | 7.4 | 6.1 | 7.1 | 7.3 | 6.3 | 5.3 | 5.6 | 4.8 | 4.4 | 4.2 | 4.5 | 3.8 | 3.7 |
| Days Above State 8-Hr. Std. | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.161 | 0.162 | 0.160 | 0.163 | 0.170 | 0.176 | 0.174 | 0.172 | 0.168 | 0.159 | 0.138 | 0.134 | 0.133 | 0.127 | 0.167 | 0.185 | 0.213 | 0.216 | 0.200 | 0.161 |
| Max. 1-Hr. Concentration | 0.170 | 0.160 | 0.160 | 0.210 | 0.190 | 0.160 | 0.160 | 0.210 | 0.230 | 0.140 | 0.181 | 0.147 | 0.110 | 0.200 | 0.255 | 0.307 | 0.214 | 0.237 | 0.149 | 0.099 |
| Max. Annual Average | 0.035 | 0.035 | 0.032 | 0.027 | | 0.036 | 0.034 | 0.035 | 0.030 | | 0.031 | 0.030 | 0.029 | 0.026 | 0.017 | 0.025 | 0.022 | 0.024 | 0.017 | 0.021 |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| Peak 1-Hr. Indicator | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max. 24-Hr. Concentration | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.04 | 0.01 | 0.00 | 0.01 |

Table A-97

Portions of Riverside County lie within the Mojave Desert and Salton Sea Air Basins.

South Coast Air Basin

County: San Bernardino

| OZONE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Peak 1-Hour Indicator | 0.328 | 0.330 | 0.321 | 0.304 | 0.284 | 0.277 | 0.273 | 0.265 | 0.266 | 0.252 | 0.252 | 0.232 | 0.233 | 0.222 | 0.224 | 0.211 | 0.213 | 0.172 | 0.172 | 0.178 | |
| Peak 8-Hour Indicator | 0.232 | 0.232 | 0.238 | 0.227 | 0.211 | 0.204 | 0.202 | 0.198 | 0.200 | 0.200 | 0.187 | 0.186 | 0.175 | 0.168 | 0.182 | 0.179 | 0.178 | 0.144 | 0.144 | 0.144 | |
| 4th High 1-Hr. in 3 Yrs | 0.320 | 0.320 | 0.320 | 0.320 | 0.290 | 0.280 | 0.280 | 0.270 | 0.270 | 0.250 | 0.250 | 0.234 | 0.231 | 0.215 | 0.217 | 0.211 | 0.211 | 0.170 | 0.169 | 0.167 | |
| Avg. of 4th High 8-Hr. in 3 Yrs | 0.210 | 0.211 | 0.211 | 0.200 | 0.195 | 0.188 | 0.185 | 0.182 | 0.180 | 0.177 | 0.171 | 0.165 | 0.161 | 0.148 | 0.154 | 0.147 | 0.146 | 0.129 | 0.128 | 0.131 | |
| Maximum 1-Hr. Concentration | 0.340 | 0.340 | 0.310 | 0.290 | 0.350 | 0.320 | 0.330 | 0.290 | 0.280 | 0.270 | 0.265 | 0.256 | 0.239 | 0.205 | 0.244 | 0.174 | 0.184 | 0.184 | 0.161 | 0.176 | |
| Max. 8-Hr. Concentration | 0.248 | 0.252 | 0.240 | 0.198 | 0.250 | 0.252 | 0.193 | 0.203 | 0.211 | 0.185 | 0.192 | 0.203 | 0.173 | 0.143 | 0.206 | 0.142 | 0.149 | 0.144 | 0.139 | 0.153 | |
| Days Above State Standard | 197 | 184 | 179 | 179 | 193 | 192 | 161 | 160 | 176 | 170 | 158 | 135 | 132 | 122 | 100 | 98 | 101 | 99 | 94 | 106 | |
| Days Above Nat. 1-Hr. Std. | 162 | 138 | 145 | 141 | 153 | 143 | 115 | 109 | 123 | 112 | 115 | 91 | 79 | 53 | 58 | 37 | 25 | 32 | 30 | 50 | |
| Days Above Nat. 8-Hr. Std. | 178 | 166 | 167 | 163 | 174 | 169 | 145 | 143 | 164 | 157 | 142 | 110 | 110 | 93 | 88 | 87 | 75 | 79 | 85 | 86 | |
| PM ₁₀ (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | 287 | 271 | 475 | 163 | 649 | 143 | 147 | 178 | 136 | 208 | 114 | 183 | 124 | 166 | 102 | 149 | |
| Max. 24-Hr. Concentration (Nat) | | | | | 289 | 271 | 475 | 163 | 649 | 143 | 147 | 178 | 136 | 208 | 114 | 183 | 124 | 166 | 102 | 149 | |
| Annual Average (State) | | | | | 79.7 | 77.3 | 68.5 | 79.0 | 58.2 | 60.0 | 60.8 | 54.9 | 53.6 | 50.2 | 60.1 | 52.6 | 52.4 | 50.1 | 44.8 | | |
| Annual Average (Nat) | | | | | 81.3 | 79.7 | 77.3 | 68.5 | 79.0 | 58.3 | 59.9 | 60.8 | 54.9 | 53.6 | 50.2 | 65.8 | 52.6 | 52.2 | 50.1 | 44.9 | |
| Calc Days Above State 24-Hr Std | | | | | 293 | 265 | 250 | 243 | 231 | 232 | 209 | 211 | 174 | 171 | 223 | 195 | 208 | 201 | 139 | | |
| Calc Days Above Nat 24-Hr Std | | | | | 19 | 18 | 19 | 6 | 12 | 0 | 0 | 21 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | | |
| PM _{2.5} (ug/m ³) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Max. 24-Hr. Concentration (State) | | | | | | | | | | | | | | | | 121.4 | 89.8 | 78.5 | 82.1 | 98.1 | |
| Max. 24-Hr. Concentration (Nat) | | | | | | | | | | | | | | | | 121.4 | 89.8 | 78.5 | 82.1 | 98.1 | |
| 98th Percentile of 24-Hr Conc. | | | | | | | | | | | | | | | | 85.6 | 70.3 | 69.5 | 66.3 | 66.9 | |
| Annual Average (State) | | | | | | | | | | | | | | | | | 25.0 | 25.8 | 23.8 | | |
| Avg. of Qtrly. Means (Nat) | | | | | | | | | | | | | | | | | 25.7 | 25.9 | 26.5 | 25.8 | 23.8 |
| CARBON MONOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 8-Hr. Indicator | 6.2 | 5.8 | 7.2 | 7.1 | 7.5 | 7.8 | 7.7 | 7.4 | 6.7 | 6.0 | 5.5 | 6.4 | 6.3 | 6.1 | 5.1 | 4.9 | 4.9 | 4.1 | 3.5 | 3.6 | |
| Max. 1-Hr. Concentration | 9.0 | 10.0 | 9.0 | 11.0 | 9.0 | 11.0 | 9.0 | 8.0 | 7.0 | 7.0 | 7.6 | 7.7 | 5.8 | 7.6 | 6.3 | 5.5 | 4.8 | 4.1 | 4.5 | 5.1 | |
| Max. 8-Hr. Concentration | 5.6 | 6.3 | 6.7 | 6.7 | 7.6 | 8.1 | 6.6 | 7.0 | 5.9 | 6.0 | 6.4 | 6.3 | 4.5 | 5.9 | 4.7 | 4.1 | 4.1 | 3.3 | 3.2 | 4.5 | |
| Days Above State 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Days Above Nat. 8-Hr. Std. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NITROGEN DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.180 | 0.171 | 0.172 | 0.183 | 0.193 | 0.195 | 0.192 | 0.187 | 0.174 | 0.167 | 0.160 | 0.178 | 0.180 | 0.178 | 0.143 | 0.139 | 0.137 | 0.131 | 0.123 | 0.125 | |
| Max. 1-Hr. Concentration | 0.200 | 0.180 | 0.240 | 0.200 | 0.210 | 0.200 | 0.200 | 0.210 | 0.140 | 0.160 | 0.177 | 0.199 | 0.163 | 0.153 | 0.154 | 0.149 | 0.143 | 0.129 | 0.122 | 0.117 | |
| Max. Annual Average | 0.040 | 0.040 | 0.042 | 0.047 | 0.047 | 0.045 | 0.041 | 0.043 | 0.040 | 0.042 | 0.041 | 0.046 | 0.038 | 0.036 | 0.036 | 0.039 | 0.038 | 0.037 | 0.036 | 0.034 | |
| SULFUR DIOXIDE (ppm) | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | |
| Peak 1-Hr. Indicator | 0.05 | 0.04 | 0.05 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | | |
| Max. Annual Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Max. 24-Hr. Concentration | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | | |

Table A-98

A portion of San Bernardino County lies within the Mojave Desert Air Basin.

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